



# Census of India, 1931

***VOLUME XXII***

## **GWALIOR**

### **Part I.—Report**

By  
RANG LAL, B A,  
Census Commissioner,  
Gwalior State

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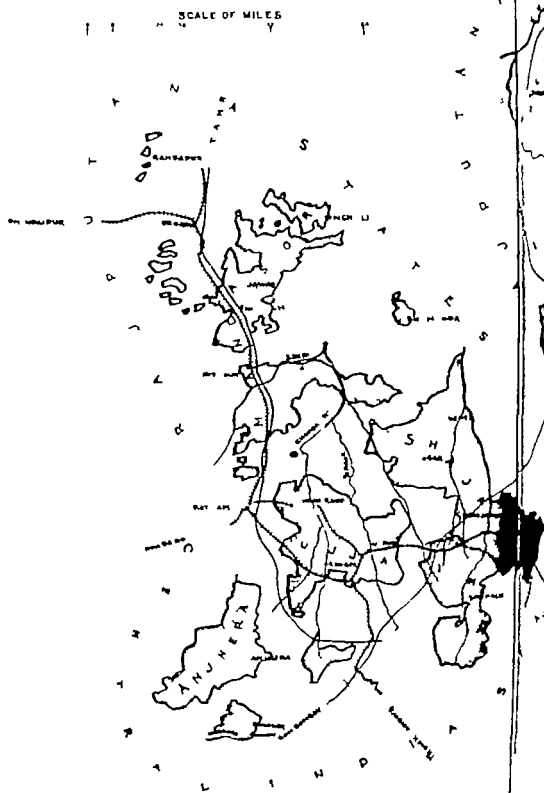
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# MAP OF THE GWALIOR STATE

SHOWING  
NATURAL & ADMINISTRATIVE DIVISIONS









## INTRODUCTION

1 The present Report which counts as Volume XXII in the India series of Census Reports deals with the results of the Census of the Gwalior State taken on the evening of the 26th February, 1931

2 There have been in all six censuses of the population of the Gwalior State and all these have been synchronous with those taken in British India. In the first four, namely, those taken in 1881, 1891, 1901 and 1911, Gwalior was included in Central India, while in the last two taken in 1921 and 1931 the State has been a separate unit

3 Probably only those who have closely studied or have been engaged in carrying out a Census realize the enormous amount of preparatory work that has to be accomplished for the purpose of getting accurate returns. The improvisation once in ten years of a huge unpaid staff, the organisation of arrangements for its training and supervision of its work at all stages are complicated matters at the best of times involving an enormous amount of attention to details. The existence of a single weak link in the chain of organization may involve a disaster out of all proportion to its apparent importance.

The present Census was taken on lines similar to those of 1921. The more noticeable features connected with the operations are briefly as under :

4 As soon as it was decided that a decennial Census should be taken, I was appointed Census Commissioner for Gwalior and entered on my duties on the 1st January, 1930. The first thing that engaged my attention was the drafting of the Gwalior Census Bill, which passed into law on the 22nd November, 1930. Unlike the Indian Census Act, which is limited in operation to a single Census, the Gwalior Act, 1930, is a perpetual Act having application not only to the recent Census but also to all future Censuses in Gwalior. It is the duty of the Darbar's Census Commissioner to be appointed under that Act to take all necessary steps for carrying out the provisions of the Act subject to the directions of the Home Member. Under the authority thus given, arrangements were made for the taking and the collection of the present Census

5 Considerable preparations had, however, been previously necessary. Active arrangements commenced to be made at the end of 1929, when the nucleus of a Census Office was started. The first step taken was the preparation of the General Village Register in which was shown a complete list of the villages and hamlets in each Tehsil, the number of houses and the number of workers available for enumeration. Without such a register it is impossible to make sure that no villages or hamlets have been left out, to form Census divisions and to estimate the number of Census schedules required

Past and Present  
Censuses

Preparation for  
the Census  
(a) General

(b) Legislation.

(c) Various Steps  
in the Enumera-  
tion Stage.

Soon after the issue of instructions for the completion of Village Registers, the whole State was divided into Census divisions and a Charge Superintendent was appointed for each such division. The Charge generally corresponded with a Parganah or Tehsil, a town a city or an estate. In some cases the Parganahs were apportioned into two charges. The Charge Superintendents as a rule were either Tehsildars or Parganah Judicial Officers; Assistant Charge Superintendents, subordinate officers of the Revenue, Judicial, Police and Education Departments the supervisors, subordinate revenue officers, clerks, schoolmasters, patwaris; the enumerators were the village patwaris, schoolmasters, clerks senior students, shop-keepers and the like. All municipal areas were placed under the chief municipal officer of the place. Cantonments were censused by the Cantonment authorities and the Census of the Railways was carried out by the Railway staff. Big compact estates were treated as complete separate units and enumerated by their Kamdars.

On their appointment the Charge Superintendents started the formation of the necessary Census divisions of charges, circles and blocks with the aid of the Village Registers. The basis of the enumeration was the "House Block". The Block was a group of from 20 to 50 houses in charge of an enumerator. The Circle was the next unit, each consisting of 10 to 15 blocks and was in charge of a supervisor who saw that the enumerators did their work properly and understood orders. The next unit was a Charge. It was composed of a group of circles and was under a Superintendent who attended to the general management of the charge. There were thus in the whole State 146 charges, 2,492 circles and 28,470 blocks. This sub-division entailed the preparation of maps of all the charges showing as clearly as possible the boundaries of the various circles and blocks in each charge. These maps were of the greatest service in the conduct of the Census. Tehsildars have been asked to preserve these maps carefully for use at the next Census.

The whole area was then ready for house-numbering. Each village was numbered consecutively right through. This was finished everywhere by the 15th of November 1930. During the period the enumerators and supervisors had been selected and were undergoing training under the Charge Superintendents, I and my assistants held at the headquarters of the various Census charges training classes at which instructions to Charge Superintendents and selected supervisors and enumerators were imparted. The former in their turn opened training classes at convenient centres in their charges and circles.

General directions for the guidance of enumerators were furnished on the cover of the enumeration books. These were from time to time reinforced by circulars to facilitate each stage of the operations. Manuals of Instructions for Charge Superintendents and supervisors were also compiled and issued in advance. A specimen enumeration book with typical entries was also issued for instruction to each enumerator.

The principal new departure in the method of training the Census agency was the use made of the pink schedule. A copy of this schedule was supplied to each enumerator who immediately after receiving instructions

was required to visit the neighbourhood and fill up the columns of his copy of the schedule. The schedules so filled in were scrutinized in the Head Office by a special staff and returned after correction to the individuals concerned. The entries in the final schedule were distinctly better, more accurate and more uniform. All officers concerned have testified to the extreme usefulness of this precautionary measure.

The dates for carrying out the principal operations and for the training of the Census agency, the completion of the different stages and supply of forms were fixed up in advance. Further, every Charge Superintendent was required to submit on specified dates a report as to the progress of the work in his charge at each stage of the operations. This had a very good effect. It kept me on the alert and at the same time made it possible for the operations to advance with precision up to the final day of enumeration.

The machinery being thus put in working order and house-numbering checked with the Block and House Lists, the Preliminary Enumeration was started in the first week of January in villages and on the 15th January in towns. This consisted of the writing up by the enumerator in the enumeration schedule the necessary particulars regarding all ordinary residents of each numbered house. The information recorded consisted of name, religion, sex, age, civil condition, caste, particulars as to occupation and dependence, birthplace, mother-tongue, literacy or illiteracy, literacy or illiteracy in English and certain infirmities. The preliminary record was finished by the 5th of February, 1931. The interval between this date and the Census day was utilized by supervisors and Charge Superintendents in checking and correcting the entries. My Assistants, and a number of other administrative officers also, checked portions of the record in the course of their tours.

After the completion of the Preliminary Enumeration the village and town-dwellers were warned by proclamation to remain in their houses on the night of the 26th February, 1931, until the enumerator came and to give all particulars asked for and to supply information regarding all newcomers and newly-born children. All zamindars were ordered to accompany the enumerators as the latter went round their blocks and to render to them all possible assistance in carrying out the enumeration. To allow all officials who could be spared to assist in the Final Enumeration and accelerate the compilation of the Provisional Totals, all public offices, schools, etc., were closed on the 26th and 27th February, 1931.

Special arrangements were made for the enumeration of fairs, railway travellers, hospitals, jails, etc. All travellers by road and by rail were provided with Travellers' Tickets showing that they had been enumerated to avoid double counting.

6 The actual Census was taken between 7 P. M. and midnight on the 26th February, 1931. Each enumerator visited every house in his block and brought the record up to date by striking out the entries con-

coming persons who had left or died and entering the necessary particulars for all newcomers and newly-born children.

On the morning after the Census the enumerators of each circle met their supervisors and prepared an abstract which was carefully checked by a fellow-enumerator and posted by the supervisor in a summary for his circle. The circle summaries were in their turn similarly tested and combined into a charge summary after which the totals were telegraphed to me. The first totals were received from Narwar Town. Special arrangements were made in my office for combining and wiring the Provisional Totals for the State as a whole to the Census Commissioner for India. The total population of the State according to these Provisional Totals numbered 3,520,708 of whom 1,867,299 were males and 1,653,409 females.

After going through various processes of sorting and tabulating the Final Totals were obtained which gave 3,523,070 persons of whom 1,867,081 were males and 1,656,039 females. The final figures revealed a difference of only 0.67 per cent.







In a preliminary notification the obligations of all public servants and subjects of the Darbar to assist in the taking of the Census were clearly defined and published in the *Gwalior Government Gazette*. On the whole the course of Census operations ran quite smoothly and no necessity for any prosecutions under the Census Act arose anywhere. All concerned cordially helped in the operations. The demeanour of the public was excellent throughout. For services rendered in the taking of the Census all Census officials were granted Certificates or Sanads. The enumerators and supervisors received certificates from the Charge Superintendents of the area in which they worked while Sanads of four classes—Special, First, Second and Third—were granted to Charge Superintendents, Assistant Charge Superintendents and those enumerators and supervisors whose work was found specially commendable. The Sanads of the Special Class were issued over the signature of Her Highness the President of the Council of Administration; those of the First Class were signed by the Home Member and those of the 2nd and 3rd Class by the Darbar's Census Commissioner.

" 7. "After completing the enumeration stage the next step was to despatch the enumeration books as soon as possible to the Central Office where the Abstraction and Compilation work was to take place. On arrival the books were checked with the circle and charge summaries and entered in the record register so as to enable them to be issued for Abstraction systematically.

The Code of Instructions for copying on slips the particulars of each person enumerated, for sorting the written up slips and tabulating and compiling the results was issued in advance by the Census Commissioner for India. This was followed in all processes.

8. The system of abstracting entries from the schedule form was the same as was followed in 1921. Religion was indicated by the colour while

sex and civil condition were indicated by symbols printed on the slips. These symbols are shown below. —

Sex	Unmarried	Married	Widowed
Male			
Female			

The selection of the right slip thus obviated the necessity of making any entry for religion, sex or civil condition. The labour of copying was still further reduced by the use of abbreviations.

Abstraction offices were opened at Lashkar, Gwalior and Morar. Care was taken to select the best men available from among the clerks, teachers and students. With the object of finishing the work with all possible speed it was decided to work two shifts, the earlier shift commencing at 10 A M and the later at 5 P M. This arrangement lasted for more than 8 weeks. The copying staff recorded a maximum of 460 and was gradually reduced by retrenchments, the more competent persons being retained for sorting and tabulation. This arrangement worked admirably and within 8 weeks of the Census the whole of the 3½ million slips had been prepared.

9 The Sorting took longer. There were in all 21 Tables to be constructed and some of them, such as those connected with Occupations and Caste were very complicated. The work, however, was practically finished by 24th June, 1931.

(b) Sorting

10 Compilation was carried on simultaneously with Sorting. Tickets showing particulars required for all the Tables were prepared for the smaller units by the sorters and these were entered up in Compilation registers. Compilation of figures for all the Tables was finished by the first week of September. The Imperial Tables were sent to the Census Commissioner for India in manuscript and simultaneously to the Press. The Table Volume was issued on 29th March, 1932.

(c) Compil

11 Owing to the tremendous amount of work involved in checking the Subsidiary and other Tables it was impossible to start in earnest the writing of this report till the last week of June, 1932, though the material had been in process of collection for sometime past. In May, 1931, I was appointed Director of Co-operative Societies and the present report has been written during such time as I was able to spare from my other duties, of some

(d) Report

portion of which I was relieved for 8 weeks by the kindness of the Finance Member

It should here be remarked that although the report is a State publication the views and conclusions therein are entirely my own and I alone am responsible for them.

The Cost of the Census.

12 The accounts have not yet been finally made up as the printing of this report is still in progress and the office is not yet closed. Approximate figures can however be given. The total expenditure up to the 1st of January 1933 is Rs. 1,01 116/1/11 to which may be added Rs. 3 000 as the approximate cost of printing the report and of the small establishment that will have to be maintained for 4 months. This works up to Rs. 28/11/2 per 1 000 of the population against Rs. 52/3/0 in 1921.

Acknowledgments.

13 It would be difficult to specify by name all those who have cordially co-operated in all stages of the Census Operations. The Charge Superintendents who worked immediately under me have done extraordinarily well and my warmest thanks are due to each and all of them for the zeal and energy with which they carried out the exacting duties of the enumeration. Of these I must especially refer to the work of Bhalya Kesho Lal and Lala Mathura Prasad. Both these gentlemen have been unsparing in their efforts in carrying out the enumeration of their respective charges and supervising the Abstraction offices at Gwalior and Morar.

I would also tender my best thanks to all the Heads of Departments and to all officials who assisted, for their ready and unfailing help.

I have to acknowledge my indebtedness to my immediate staff. I could have wished for no more devoted workers. The Assistant Commissioners, Rao Sahib S. S. Patey and Lala Shri Ram and the Superintendent, Jagir Arora, L. Badri Prasad, worked to my entire satisfaction. The last-named gentleman did exceptionally good work in supervising the Abstraction and Tabulation offices. I cannot too highly praise the industry, care and energy shown by my Head Clerk, L. Daya Ram Gupta, in the arduous task of checking the work of Abstraction and Tabulation as well as of attending to the correspondence work and the extra responsibilities which my transfer to the other duties latterly threw upon him. To my Special Assistant, L. Krishna Mohan Varma, M. A., LL.B. I am indebted for collecting the material for the Report. He deserves commendation for the painstaking accuracy with which the Subclary and Marginal Tables were prepared and final copies of the Chapters completed for the press.

I am likewise indebted to Mr Y. T. Mangaonkar the Manager of the Alhah Darbar Press, which printed this Report and the vast mass of the forms and schedules issued in the various stages of the Census for meeting my most unreasonable requests and also to the Hindustan Times Press, Ltd. Delhi, where the maps and diagrams were printed. My thanks are also due to M. Mansur Ali Khan District Engineer Irrigation, who supervised the preparation of maps and diagrams.

A most welcome saving in the expenditure was effected by the offer of a large amount of office furniture by the officiating Political Member

Sahibzada Sir Sultan Ahmad Khan, and I desire to express my thanks for the assistance so received

I owe a personal debt of gratitude to Col Sir K. N. Haksar for his great kindness in reading through the manuscript of each Chapter of this Report

I must not omit to mention my obligations to the Home Member, Shreemant Khase Sahib Pawar, whose ready help was always at my disposal without which indeed I should have found my duties very difficult to carry out

To Dr J. H. Hutton, Census Commissioner for India, I owe more than I can acknowledge for his ready help in all my difficulties

Finally, I cannot bring this review of the Census of Gwalior State to a close without recording my sense of obligation to the Council of Administration for their generous and willing assistance to me at all stages of the work.

*1st January 1933*

R. L.,





# REPORT

ON THE

## CENSUS OF GWALIOR

### 1931

#### CHAPTER I.

#### DISTRIBUTION AND MOVEMENT OF POPULATION

##### I The Area Dealt with

1 The Gwalior State, the dominion of the Scindia family, is an irregularly shaped tract lying in several detached blocks between Lat.  $22^{\circ} 5'$  and  $26^{\circ} 52' N$  and Long.  $74^{\circ} 2'$  and  $79^{\circ} 12' E$ .

Introductory  
Remarks.

Very full accounts of the history and physical features of the State are given in the Imperial Gazetteer and elsewhere, and it is therefore not considered necessary on this occasion to repeat this information

2 For administrative purposes the State is divided into eleven districts, each controlled by a Suba, and these are again sub-divided into thirty-nine parganahs, each under the supervision of a Tehsildar. The only important change, that has taken place during the intercensal period, has been the abolition of the two Sarsubats or Commissioners' Divisions

Administrative  
Divisions

3 In the Imperial Tables the statistics have been grouped by districts. But the districts themselves are not absolutely homogeneous compartments. Moreover, their statistics taken separately are too meagre to exhibit the various phases of the life of the people. For this reason, while the districts have been taken as the basis for the compilation of the Imperial Census Tables, in the Subsidiary Tables, showing percentages and variations, a different arrangement has been followed. The object of this is to group districts together in what may be called Natural Divisions corresponding, as far as possible, to geological, agricultural, linguistic and ethnological regions. The process indeed could be carried further by subdividing the districts and placing their components into the most suitable Divisions. But the breaking up of the districts and the multiplication of Divisions being undesirable,

Natural Divisions.

there is no option but to leave the districts themselves in that Division to which the more important part of them belongs.

I have divided the State into four Natural Divisions—*viz.*, the Plain, Northern Plateau, Southern Plateau and Hilly. The allotment of the administrative districts of the State to these Divisions is as follows :—

Plain.		Northern Plateau.		Southern Plateau.		Hilly
Gird	---	Narwar	---	Bhilai	---	Amjhera.
Bhind	---	Legarh	---	Ujjain	---	
Tonwagher	---			Mandawar	---	
Ehaoper	---			Shejpur	---	

This arrangement is practically the same as has hitherto been followed the only change made being the dissection of the Plateau into two sections, the Northern and the Southern. I have made this alteration as I think it brings out better the local, physical and ethnological variations. The only feature common to these two tracts is their elevation in all other respects there are extreme differences between the two. The characteristic features of the Southern Division are its rich soil and progressive population, that has a culture developed in continuous intercourse with the people of the surrounding districts. The Northern tract, on the other hand is comparatively wild and rugged, admitting only of a precarious sort of cultivation. It is, moreover a tract whose annals are those of constant internal warfare and which, owing to its comparative isolation, has not been able to make much advancement. It would, I think, have still lingered in obscurity had it not been for the passage through it of the Agra Bombay Road to which it owes much of its present position.

For more detailed description of the physical characteristics of the Natural Divisions the reader is referred to the Report on the Census of 1901 and the Imperial Gazetteer. The coloured map at the beginning of this report shows the boundaries of the Divisions.

4. The area of the State according to the revised figures supplied by the Surveyor-General of India is 25 972 square miles. This is 109 square miles more than the figure for 1911 and 411 square miles less than that for 1921. What actually happened in 1921 was this. Jagirdars were asked to give the areas of their Jagirs and the figures supplied by them were simply added (1911 Census Report, Part II, page 4 and 1921 Census Report, Part II, page IX). Thus to the total of 1911 an addition of 520 square miles was made as a result of recent survey.

There is little doubt that the 1921 area of 26 383 square miles is somewhat exaggerated but as the revised figures now furnished by the Surveyor-General have yet to be checked and verified by the Land Records Department, I have had no choice but to accept in all cases the 1921 figures as they stand.

The chief changes which have taken place in the area during the intercensal period are these —

*Additions* —1 The Indore and Dhar Darbars' shares in Sundersi (7·9 square miles) and Dhar Darbar's village of Ladawad (3·6 square miles) were transferred to the Darbar in exchange of seven villages (7·4 square miles) By this intertransfer of territory the Darbar gained 4·1 square miles

2 The areas of some holdings (11·9 square miles) which were not available in 1921 were added

*Deductions* —The Darbar have lost 32 square miles on account of the excision of Pathari (29 square miles) and Nimrol (3 square miles) The areas of these two Jagirs, which at the previous census were treated as part of the Gwalior State territory, have been excluded on this occasion on account of their real status being still in dispute

The adjusted area of the State therefore comes to 26,367 square miles or 16 square miles less than the area in 1921

## II The Population Dealt with

5 There are two kinds of censuses—the *de jure* census and the *de facto* census A *de jure* census takes account of those persons only, who constitute the fixed or permanent inhabitants of a locality. A *de facto* census, on the other hand, is the sum of all the units of the human species among whom only relations of time and space exist. According to it the population of a given place or area consists of all the persons who are found actually present within its boundaries at a particular point of time The Indian Census of 1931 following the precedent of all earlier censuses is a *de facto* census and represents on this occasion the sum of the individuals enumerated between 7 P. M. and midnight on the 26th February, 1931. In short, then, by the census population of a place is meant its actual and not its residential population

Meaning of  
Population

6. The total population enumerated in the Gwalior State on the census day numbered 3,523,070 of which 1,867,031 were males and 1,656,039 were females. The present total is the largest ever recorded in the State and exceeds the number returned at the enumeration of the 18th March, 1921 by 329,894, a growth in 9 years 11½ months of 10·3 per cent.

Population of  
the Gwalior  
State

7 Doubts are often expressed as to the accuracy of the census figures But it may, I think, be asserted with a fair degree of confidence that the wholesale allegations of numerous omissions are certainly without foundation. This is borne out by the fact that those who reported to me after the census that they had not been enumerated were all actually traced on the schedules It is of course out of the question that in an operation so extensive as the census of a large area omissions and mistakes shall not occur It is, however, gratifying to be able to state that so far as the absolute numbers are concerned the maximum amount of accuracy has been attained at this census

Accuracy of the  
Returns,

## III Area, Population and Density.

8 The general statistics of the area and population of each district will be found in Imperial Table I State Table I contains similar information for sub-divisions of the districts, and at the end of this Chapter are 7

Subsidiary Tables arranged to compare densities in the different areas and variations from previous years and to correlate them with certain agricultural and vital statistics.

Density

9 The mean density for the State as a whole is 134 persons per square mile. Comparative figures for the last four censuses are given in Subsidiary Table III at the end of this Chapter. The last decade shows an increase of 18 persons per square mile. In the Divisions the greatest increase is in the Hilly which has risen from 103 to 120. The Plain Division, where the density is greatest, has increased from 150 to 163 but it is the only division that has not regained its mean density of 1901. In the Southern Plateau Division the increase has been continuous throughout; its density during the last decade rising from 128 to 141 persons per square mile. The Northern Plateau, on the other hand, where the density is lowest, has increased from 80 to 99 only. The contrast between these two sections of the Plateau is striking. It demonstrates the vast difference that exists between these tracts and emphasizes the need of their being treated as two separate Divisions.

The relative density of the various parts of the State and of certain adjoining British districts and states is shown in the annexed diagram. It will be seen that there are five states, Datta, Dhar, Indore, Ratlam and Dholpur—all much smaller in area than Gwalior—in which the density of the population is higher than that of the Gwalior State as a whole. But comparing the densities of these states with those of the adjoining Gwalior districts we find that the latter are either higher than, or almost as high as, the former. Thus in the south, the densities of the Uppin and Mandla districts are actually higher than those of Indore and Ratlam, while in the north the districts of Gird, Bhind and Tonwarghar surpass Datta and Dholpur in density. The very high densities of Agra, Etawah and Jalaun which adjoin the Bhind and Tonwarghar districts of the State are probably due to the inclusion of large towns.

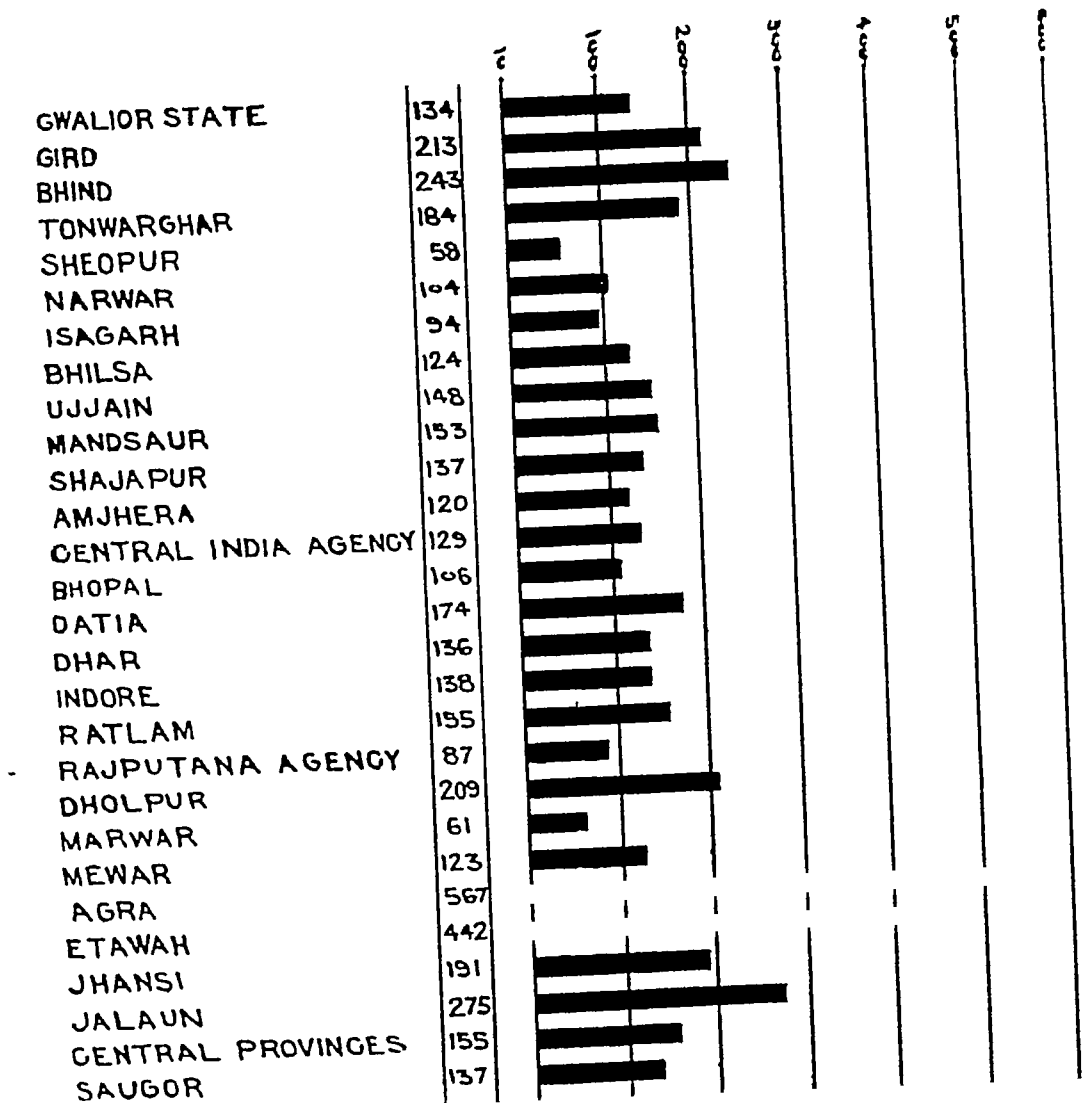
Comparing the figures with countries outside India, the European ones, with few exceptions, have much higher densities than our own. To cite only one instance there were in the British Isles in 1801 153 inhabitants to the square mile or 19 persons in excess of the present-day density figure of the State. But the fallacy of such comparisons is obvious. There is absolutely no correspondence between the densities of countries in which the growth and movement of the population has for centuries been regular and symmetrical and of those, where famines and pestilence have from time to time decimated the population.

Density in the  
smaller local  
areas

10 The map given on the next page illustrates the density of each district. It shows that the pressure of the population on the soil is far from uniform and that there are great variations even between districts of the same Natural Division. These variations will be dealt with later along with the analysis of the growth of the population.

Certain statistics of density and crops are given in Subsidiary Table I but they are of little use because, firstly they are for the most part estimates only and, secondly they do not include figures for the Jagirs which form approximately 15 per cent of the total area of the State.

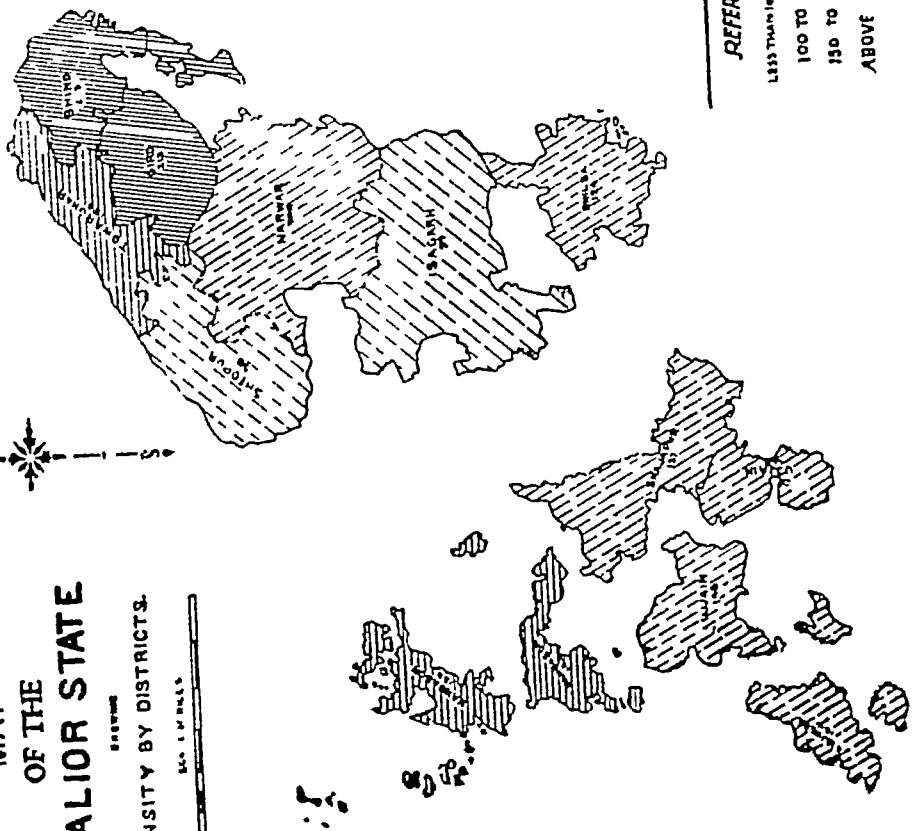
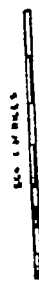
# *DENSITY OF POPULATION COMPARED WITH ADJOINING STATES & DISTRICTS*





# MAP OF THE Gwalior State

DENSITY BY DISTRICTS.



## REFERENCES

LESS THAN 100 PER CENT	100 TO 150	150 TO 200	ABOVE 200





#### IV. Variations at Previous Censuses

11. The earliest estimate of the population of the State appears to have been made about the year 1853 when its population was found to be 3,228,512\*. This computation, however ingenious it might be, included figures for an area about 7,000 square miles in excess of the present size of the State and involved of necessity so large an intermixture of guess work as to deprive its results of any very substantial value. It was in 1881 that the first census of the State, with any pretensions to accuracy, was taken. The total number of persons returned at this census was 2,993,652 but it was non-synchronous and the area over which it was taken is not known. The next census which was taken in 1891 was somewhat better in that it was synchronous. The population at this census stood at 3,378,774, and showed an increase of 12.9 per cent over the figures of 1881. But neither this enumeration nor the one effected in 1901 can be regarded as an exact return of the population, in as much as the areas covered by these censuses differ materially not only from each other but also from the present area of the State.

On both these occasions certain areas actually belonging to the State were excluded, while such others were included as have since ceased to form part of its territory. So that it is not until we come to 1911 that the statistics can be studied over an area nearly coincident with that of the present census.

Between 1881 and 1911, then, we have to remember that the variations are considerably affected by the fluctuations in the census area. It is not possible to isolate completely the disturbing influence of this factor, but the figures in columns 5, 6 and 7 of the following table have been so reconstructed as to be comparable and may be taken as exhibiting the variations with sufficient accuracy for all practical purposes.

Year.	POPULATION RECORDED AT CENSUS			POPULATION ADJUSTED TO 1931 AREA		
	Population.	Variation.		Population	Variation	
		Actual	Per cent		Actual.	Per cent.
1	2	3	4	5	6	7
1881	2,993,652	-		3,091,604	..	
1891	3,378,774	+385,122	+12.9	3,521,267	+429,663	+13.9
1901	2,993,001	-385,773	-11.4	3,073,651	-447,616	-12.7
1911	3,236,753	+243,752	+8.1	3,235,303	+161,652	+5.3
1921	3,195,476	-41,277	-1.3	3,193,176	-42,127	-1.3
1931	3,523,070	+327,594	+10.3	3,523,070	+329,894	+10.3

\*Statistical papers relating to India (London, 1853), pp. 10 and 11

Another factor which has to some extent obscured the true extent of population growth in the earlier censuses, is the progressive accuracy of enumeration. No estimate has in the past been made of the variation due to this cause but it is certain that the figures for the two earlier enumerations suffered from lack of experience. What was the actual rate of growth in 1881 we do not know but it is almost certain that the population figure for that year is well below the actual. It would therefore not be excessive if we deducted 2 per cent to allow for the want of accuracy in 1881 we should then get 12 per cent as the approximately true rate of increase between 1881 and 1891.

A striking feature of the above table is the zigzag movement of the figures and with this may be contrasted the regular and linear growth of the pre-war population of England. From the commencement of the census era down to the year 1914 the population of England and Wales had risen with such precision that estimates of future populations based on the rate of growth of a given decennium were subsequently found to be approximately accurate. But in India matters are entirely different. In a vast majority of the Indian provinces and states the fabric of the population presents the appearance of a Penelope's web which is woven up in one decade, only to be unwoven in the next, so that it is not possible at any census to make any prediction in regard to the course of population changes in the future.

The violent fluctuations in the population of this State exhibited by the previous censuses are directly attributable to obvious and known causes. These have been dealt with in detail in the previous census reports and therefore need only be briefly recapitulated here. Between 1881 and 1891 was a decade of continued prosperity free from famine and pestilence. Consequently at the Census of 1891 the population showed an increase of 13·9 per cent. Between the years 1891 and 1901 came the great famine of 1899-01 which converted the whole of the accumulated increase of the past 20 years into a loss. In the next decade (1901-1911) the increase in the population was sustained and continuous during the first seven years but the last three years were marked by partial scarcity and epidemics of plague culminating in a very bad year in 1911. The increase during the decade was 5·3 per cent only. The decade of 1911-1921 was on the whole favourable to population growth and the country would have made a rapid recovery but for the onslaughts of influenza in 1918-19 which wiped out the whole of the increase of the earlier years. Since 1881 then, the population of the State has increased by 14 per cent only in spite of the big jump of 13·9 per cent in the 1881-1891 decade. In other words, the present population of the State is only 0·5 per cent more than what it was in 1891.

*This brings the story of the population down to the last census what now follows relates to the changes from 1921 to 1931 only*

## V Conditions of the Decade

12. The increase in the population of a given geographical area is primarily dependent on the joint operation of the biological forces of birth, death and migration. But these natural forces are not the sole determinants of population changes. There are also the secondary environmental

factors, such as seasonal and economic conditions, standard of culture and public health, etc, which by operating upon the primary biological forces exert a far reaching influence on the growth of a population. The final effect of this second set of influences on the growth of a population cannot always be determined with precision, but it is always and everywhere large enough to determine the growth and ultimate size of a population. It is therefore essential that before passing on to consider the results of the last census some of the conditions under which the people have lived during the decade should be briefly reviewed.

13 It is obvious that, if a population is disturbed by no cause except birth and death and the registration of births and deaths is accurate, the population of any one census plus the excess of births over deaths must be equal to the enumerated population of the next. The figures for this

Births and Deaths

	Calculated Population	
	Population 1921	3,193,176
	Reported Births 1921-31	374,031
	Reported Deaths 1921-31	288,135
	Calculated Population	3,279,072
	Enumerated Population 1931	3,523,070
	Surplus	243,998

census are given in the margin. The enumerated population exceeds the calculated population by about 244 thousand. This surplus is to be attributed either to immigration or to errors in the vital statistics. Of these the former may well be totally ignored, as the migration figures disclose an adverse balance of 15 thousand. Thus almost the whole of the difference is to be accounted for by errors in the registration of vital occurrences. In Gwalior the system of recording these statistics is so recent that their statistical value is almost negligible. The figures in the margin which are reproduced from the annual reports of the Medical Department show that the figures for the year 1928-29 are distinctly better than

	Year	Births	Deaths
	1920-21	18,416	18,672
	1921-22	18,560	15,695
	1922-23	19,486	17,400
	1923-24	25,015	19,229
	1924-25	29,834	26,956
	1925-26	40,950	29,942
	1926-27	41,147	32,359
	1927-28	47,179	34,072
	1928-29	62,742	39,789

The figures for the urban areas, which are collected by the municipal authorities, are perhaps more accurate but they, too, cannot yet pretend to a very close approach to accuracy.

An attempt was made at the recent census to secure through the agency of enumerators detailed birth and death figures for rural areas for a period of two months, i.e., from the 1st January to the 26th February, 1931. On a comparison of the figures so collected with the return of the actually reported births and deaths for the identical period, it was found that the margin of error, due to omissions, was as high as 6.0 per cent in

the case of births and 70 per cent in the case of deaths. The discrepancy disclosed by this limited enquiry was so large that the idea of reconstructing the population figures on the basis of vital statistics had to be finally abandoned.

#### Public Health

14. The public health has been fair on the whole. The only thing that strikes one is the high proportion of deaths ascribed to fever. More than 20 per cent of the total mortality is returned under this head. Outbreaks of cholera and smallpox have occurred in some districts at different times, but the mortality from these causes has not been high.

#### Migration.

15. In the margin are compared the immigration and emigration figures

	1931	1931	Percentage of Variation.	for 1931 and 1921. It will be seen that the volume of immigration has declined by 4.0 per cent since 1921 while the number of emigrants during the same
Immigrants --	281,350	293,409	-4.0	
Emigrants --	296,684	289,025	+2.7	

period has increased by 2.7 per cent. We are unfortunately quite in the dark as to how many of these migrants migrated before the commencement of the last decade and how many did so during that period, but the figures as they stand indicate clearly that the factor of migration has not contributed to the increase in the population of the State during the last intercensal period.

#### Climate and Crops.

16. The last decade may be divided roughly into three parts: (1) 1921 to 1925 (2) 1926 to 1929 and (3) 1929 to 1931. In the first period the monsoons were all that could be desired and in consequence the crops were satisfactory. The prices of agricultural produce as a rule remained fairly high, only that of cotton fell steeply towards the close of 1925. In the next period the monsoon was ill-distributed and capricious and caused much distress in some districts. In tracts most affected relief measures were started, 'taqavi distributed and the execution of civil decrees suspended. In 1927-28 scarcity fell with the greatest severity on the Gird, Bhind, Narwar, Jagarh, Bhilsa and Shahjapur districts where the crops were mostly destroyed by excessive and untimely winter showers. In these districts the revenue demand was partially suspended and 'taqavi to the extent of 23 lacs was distributed. In the last period an excellent monsoon brought bumper crops which were good enough to mark a great advance in prosperity but the great fall in the prices of agricultural produce gave rise to a very serious economic situation which still continues.

#### Trade

17. The general progress of the State is almost dependent on the yield of crops and its trade is chiefly concerned with the disposal of its agricultural produce. Figures of exports and imports are therefore a useful index to the prosperity of the State. Agricultural produce and ghee are among its chief exports and cloth is its main import. Speaking generally during the period 1922 to 1926 the weight and value of exports and imports were much higher than in the succeeding unfavourable years. The year 1924-25 was a record year of prosperity. The exports of grain

and ghee exceeded 5 and 2½ million maunds respectively, while the imports of cloth and metals were of greater value *pro rata* than at any other time during the decade. In the lean years from 1926-27 to 1927-28 the exports declined by 50 per cent in weight and the imports of cloth also fell by approximately 25 per cent in value. The figures for imports and exports for the period 1929 to 1930 are not yet available.

18 Yet another factor, which is calculated to exert a far reaching influence on the growth of a population, should be mentioned and that is the proportion of females of child-bearing age to the total female population. The figures in the margin show that the population when it started on its fresh journey in 1921 was severely handicapped in this respect. It is therefore quite clear that had it not been for this disadvantage the population would have shown at this census a still larger increase.

Age	Proportion per mille of females aged 10-40 to total female population at the census of		
	1921	1911	1901
10-15	105	83	88
15 20	74	79	85
20 25	87	104	118
25 30	88	100	103
30 35	91	94	100
35 40 ...	57	58	75
Total	502	518	569

Proportion of Females,

19. The growth of the population is in some degree also dependent on the racial characteristics and social practices of the people. This is, however, a subject which will be discussed in a later chapter. It will suffice to say here that the birth-rate is highest among the Hinduized Primitive Tribes. Next come the Muslims, then the Hindus and last of all the Jains. Thus it is in the Hilly tract, where the primitive tribes predominate, that the largest natural increase has occurred.

Other Factors determining the Growth of Population

From the above discussion it is evident, that we have to deal with a moderately progressive decade, which, though marred towards the end by scarcity and economic depression, has been conspicuous by its complete freedom from widespread disease. The extensive failure of crops in 1928-29 and the extraordinary fall in the prices of agricultural produce in the succeeding two years have hit the people very severely, but they have not so far resulted in increased mortality. The full effects of the latter disaster have not yet asserted themselves, but they are of a magnitude that they cannot fail to reflect themselves in the figures for the next decade.

## VI The Movement of the Population.

20. The population of the State, as has already been stated, has increased by 10.3 per cent during the last decade. Some slight changes in the area occurred during the intercensal period, but the population figures in Table II have been so adjusted as to make them comparable. Also, there is no reason to suspect any marked difference between the accuracy of this and the previous enumeration. Migration figures, too, disclose an adverse balance of 15,134. There has thus been absolutely no gain resulting from any of these factors, and we must therefore look to natural growth as the main cause of the increase in population.

Disturbing Factors

Variation-  
General.

21. The actual amount and percentage increases for the State and its

		Increase in 1921 '31	Percentage of 1921 popu- lation	Natural Divisions are given in the margin. The greatest absolute addition to the population during the last decade has occurred in the Plain Division while the Hilly shows the greatest
Gwalior State	---	329,894	+10.3	
Plain	---	119,342	+10.2	
Northern Plateau	---	69,182	+ 9.2	
Southern Plateau	---	117,624	+10.4	
Hilly	---	23,346	+17.2	

proportional growth and the smallest absolute increase. The southern part of the Plateau has gained more both absolutely and relatively than the northern. The latter tract, as was to be expected, shows the smallest proportional increase.

Natural Popu-  
lation.

22. Details of immigrants are given in Subsidiary Table IV which shows that the number of immigrants is approximately 12 000 less than what it was in 1921 while the excess of emigrants over immigrants is 15 134. The natural population is obtained by adding the number of emigrants to the actual population enumerated and then deducting the number of immigrants. Thus calculated, the natural population comes to 3,538,204, showing an increase of 10.9 per cent on the natural population of 1921.

Detailed Exa-  
mination by  
Districts.

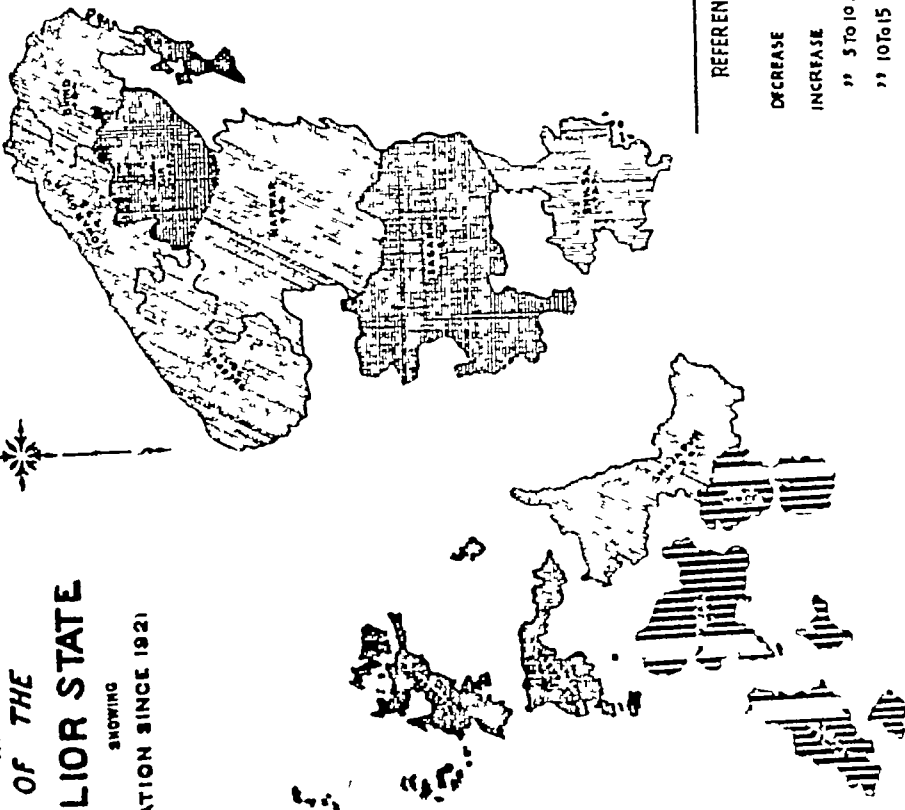
23. I now come to the consideration of the distribution and movement of the population in the districts and their sub-divisions. The annexed map and diagram illustrate the growth and variation in the population of each district.

*The Plain Division.*—The Census of 1931 shows a net increase of 11.7 per cent in the population of this district, but this is the outcome of very different figures for the various parganahs. The most progressive parganah is Pichhore where the population

Parganah.	Population.	VARIATION		Density 1931	has increased by 20 per cent. The increase of 14.6 per cent in the Gird parganah is obscured by the inclu- sion of the City of Lashkar and the towns
		1921 '31	1911 '21		
Total	364,806	+11.7	+4.8	213	
Gird	184,911	+14.6	+16.2	412	
Pichhore.	81,179	+20.1	—7.5	150	
Mastura.	55,332	—0.1	—1.7	127	
Bhandar	43,384	+7.8	—4.8	205	

of Gwalior and Morar. If these be excluded the rate of increase of this tract comes to 21.6 per cent. The development of these two parganahs is to be ascribed to the extension of irrigation. The decrease in the Mastura parganah has been continuous since 1901. It includes large forest areas and the whole country is intersected by strips of rocky land. The Bhandar parganah has been losing ground since 1901. The proportion of females to 1 000 males has declined from 957 in 1901 to 922 in 1931 but it is still high enough to ensure a much larger rate of increase. Probably the population has here attained a density that does not permit of further rapid growth, and, consequently the parganah loses a substantial proportion of its population by emigration.

MAP  
OF THE  
Gwalior State  
SHOWING  
VARIATION SINCE 1921



REFERENCES

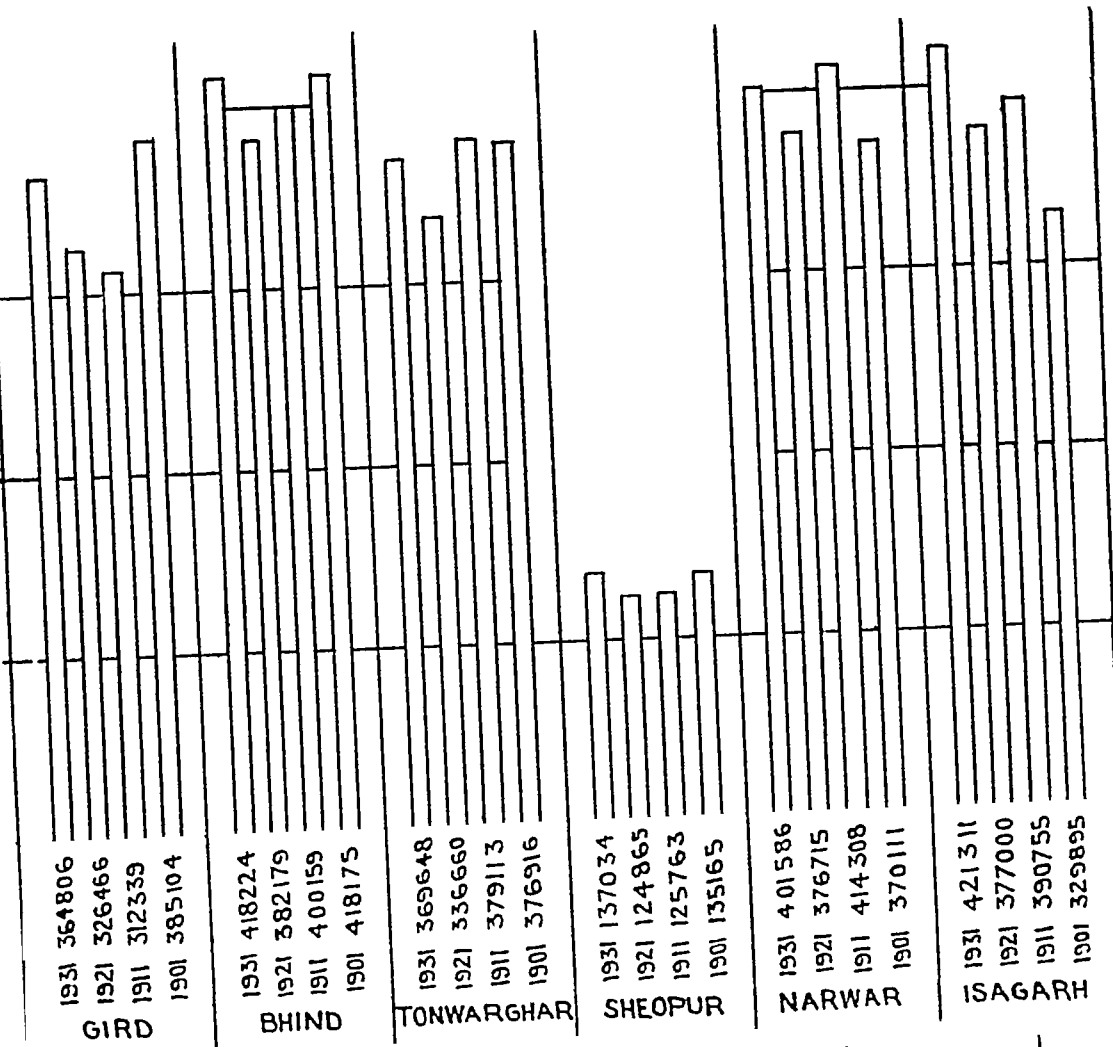
DECREASE	CHIT
INCREASE	CHIT
" 5 TO 10 PER %	CHIT
" 10 TO 15 "	CHIT
" 15 TO 20 "	CHIT





400000  
200000  
100000

235288  
244263  
192219  
140525  
405961  
343370  
344314  
308631  
272166  
237745  
237128  
216977  
336980  
307393  
313409  
288565  
160066  
136502  
125776  
103587





In this district the growth of the population during the decade has been 9.4 per cent and the whole of this has been due to natural development. A part of the district is irrigated by

Bhind District canals and its crops are thus to some extent free from drought. It is very densely populated and highly cultivated. The district already con- tains a larger popula-	Parganah	Population.	VARIATION		Density, 1931
			1921-31	1911-21	
	Total ..	418,224	+ 9.4	—4.5	243
	Bhind	152,638	+ 9.8	—7.4	268
	Mehgaon	80,082	+ 6.8	+1.7	218
	Lahar	99,664	+10.8	—6.7	251
	Gobad	85,840	+ 9.8	—2.2	224

tion than it can support, and it sends its surplus inhabitants to Amritsar and Calcutta, as is evidenced by the fact, that postal money orders to the value of approximately 1,00,000 of rupees are received by the Bhind post office every year. The Bhind district contains the highest proportion of small cultivating owners. The holdings are uneconomic, and therefore a very considerable part of the agricultural population is under-employed most of the time. All these conditions indicate that the population of the Bhind and Lahar parganahs of this district has already reached saturation point. This is not to say that an absolute limit to the capacity of the land to support people has been reached. For, another people even more numerous in number but with a more efficient social and economic organization can live better on the same territory. But as matters stand, the whole social and economic organization of the existing population and the customs, traditions and the low level of culture of the dominant classes so restrict the use of the available agricultural resources as to prevent the people from obtaining even such living as is within their grasp. In these circumstances, the present increase in the population, when interpreted in terms of human welfare can only mean increased pressure on the means of subsistence and a lower standard of living. The great need of the district is more steady productive employment for a great majority of the village population. The situation can also be somewhat changed by opening up new lands in the sparsely populated tracts of the State for the settlement of the surplus population of this district. But it is more than doubtful whether this measure will actually bring permanent relief to the district, for, owing to the resulting relaxation of the pressure on the land, the vacant places will be filled up in no time, and the district will again be filled to capacity.

Much of what has been said above applies also to the Tonwarghar district. All the parganahs of this district except Joura show a uniform rate of increase. The latter tract contains vast stretches of jungle area and

Tonwarghar District the proportion of females to males is abnormally low in this parganah. The population of this dis- trict is still slightly less than what it was in 1901. The density is highest	Parganah	Population	VARIATION		Density, 1931
			1921-31	1911-21	
	Total	369,648	+ 9.8	—11.2	184
	Joura	84,042	+ 8.9	—21.2	186
	Ambah	107,754	+ 9.3	—13.2	274
	Narbad	83,975	+10.8	— 7.2	134
	Sabalgah	93,877	+10.2	— 0.9	176

The greater part of this district consists of hills and dense jungle. The increase in the Sheopur parganah is in the main due to natural development coupled perhaps with a more accurate enumeration. The immigrants are more numerous than they

Parganah.	Population.	VARIATION.		Density, 1931	
		1921-31	1911-21		
Total	137,034	+ 9.7	— 0.7	88	were ten years ago and have contributed 2 per cent to the total increase.
Sheopur	86,972	+ 13.8	— 0.7	58	The parganah of Bijaypur is an isolated and decadent tract and its small increase is due to long continued general
Bijaypur	50,062	+ 3.3	— 0.8	58	unhealthiness. This district has the lowest density in the State.

*Northern Plateau Division.*—The recent census shows a net increase of 24,871 or 6.6 per cent only a rather small rate for a healthy district. The figures for internal migration indicate that the

Parganah.	Population.	VARIATION.		Density, 1931	
		1921-31	1911-21		
Total	401,588	+ 6.6	— 9.1	184	district cannot, under existing conditions, support its present population. The full extent of the loss by migration to foreign territory cannot be ascertained, but judging from the number of the Gwalior born
Shivpuri	121,061	+ 2.7	— 4.3	72	
Kanara	93,151	+ 6.2	— 8.4	146	
Pichhore	104,000	+ 7.1	— 8.7	188	
Kolaria	83,374	+ 12.6	— 16.7	83	

enumerated in the contiguous States of Kotah, Datia and Jhalwar it is almost certain that the district loses enormously to these states. The face of the country is wild and vast stretches of dense jungle make extensive cultivation impossible. The increase of population is greatest in the Kolaria parganah where there is the greatest proportion of land fit for cultivation. Elsewhere the inaccessible character of the country combined with the scattered character of the population and the stolidity of the forest tribes who are content to raise their precarious crops of jowar and maize in their native jungles tend to retard development.

Of all the districts of the State, Isagarh supports the largest population. Its area also is larger than that of any other district, but its density is extremely low. It is obvious that a mean density of

Parganah.	Population.	VARIATION.		Density, 1931	
		1921-31	1911-21		
Total	421,311	+ 11.8	— 3.8	94	94 cannot be due to a deficiency of rainfall. With a rainfall well above that of the Blind and Tonwarghar districts and almost equal to that of Bhilsa, Ujjain and Mandseur this district has a strikingly
Bejranagar	132,699	+ 6.2	— 2.1	78	
Pachhar	92,063	+ 15.1	+ 8.7	111	
Mungroli	93,706	+ 17.6	— 6.7	90	
Kumbharj	80,841	+ 12.6	— 13.3	124	

low density. Such a discrepancy is the result of the operation of numerous factors the principal of which are the mountainous

nature of the country and its resulting isolation. These have in the past hampered the introduction of strong government and facilitated the multiplication of semi-independent Rajput clans, whose depredations made settled life impossible for a long time. It is to this secondary factor of isolation that the low degree of density of population must be ascribed. It is more potent even than the primary factors of the quality of the soil and the percentage of cultivable area available. With 45 per cent of the total area sulted for cultivation, only a little more than half is cultivated, and even this percentage has not been attained in the Mungaoli and Bajrangarh parganahs.

The district is for the most part healthy and the Saharyas, who are a fairly numerous tribe, are remarkable for their fecundity. The population is, as the density figures show, still sparse and there is ample room for expansion. Since 1901 the district has added 27·7 per cent to its population, and its density, during the same period, has increased by 20 persons to a square mile. All the parganahs with the exception of Bajrangarh show an increase well above the average for the State. The immigrants are less than in 1921 and the arrival of new settlers has, if anything, been more than discounted by the departure of persons from other districts, who were enumerated in Isagarh in 1921. But for this loss the rate of increase in the district would probably have been not less than 13 per cent.

*Southern Plateau Division.*—This district possesses great natural fertility and is devoted mainly to the cultivation of wheat.  
**Bhilisa District.** The decade preceding the present census has not been a

	Parganah.	Population	VARIATION		Density,
			1921-31	1911-21	1931
prosperous one and					
the whole district					
has suffered consider-					
ably during the last					
four years by crop	Total	235,288	—3·7	+27·1	124
failure. Since 1901	Bhilisa	103,543	—13·7	+40·6	142
there has been an	Basoda	131,745	+5·9	+16·0	112

increase of 67 per cent in the population of the district and the slight decrease of 3·7 per cent disclosed by the present census is fictitious. There has been a fall of 12,645 persons among the immigrants. An examination of the details reveals that the increase shown by the previous census was due to the presence of a considerable number of temporary field-labourers from contiguous territories who annually infiltrate into the district at harvest time. The recent census was taken before the crops were ready, and consequently there was on this occasion a much smaller concentration of these temporary migrants in the district.

The Ujjain district is one of the most prosperous in the Gwalior State. Wheat and cotton are very extensively grown, and yield a handsome profit to the cultivators. The result of this census shows a net increase of 18·2 per cent in the population of the district. This is due to the presence within its limits of a flourishing industrial city. The district has gained considerably by internal migration, the excess of which class of immigrants over emigrants being approximately 7,000. Eighty-seven per cent of the cultivable area is under crops. Sonkach

is the only parganah which is somewhat sparsely populated but its population is rapidly increasing. Barnagar is very densely populated and has little room for expansion, its population during the last decade having advanced

Parganah.	Population.	VARIATION.		Density 1931
		1921-31	1911-21	
Total ...	405,861	+18.3	—0.3	148
Ujjain ...	135,929	+25.9	+2.7	232
Barnagar...	67,744	+7.4	+9.3	152
Khaohrad.	72,111	+20.0	+0.1	147
Sonkash.	130,177	+16.0	—8.0	107

by 7.4 per cent only. The low rate of increase in Barnagar is probably the complement to the prodigious increase in the adjoining parganah of Kha-

chrad. The latter parganah's sudden expansion is also due to the extension of the broad-gauge line to Muttra.

In the Ujjain parganah the population has grown by 25.9 per cent and, if the city be excluded, the rate of increase comes to about 27 per cent. The cause of this large increase has not been clearly ascertained. It seems that immigration and the presence of a large number of labourers on the Ujjain Agar Railway which was at the time of the census under construction are to some extent responsible for this extraordinary rise in the rate of growth.

The district of Mandasaur is composed of two main tracts and a number of scattered patches surrounded by foreign territory. The population is fairly dense and the condition of the cultivating

Parganah.	Population.	VARIATION		Density 1931
		1921-31	1911-21	
Total ...	272,168	+14.5	+8.3	188
Mandasaur	103,476	+26.5	—4.7	186
Suwasra ...	59,451	—6.8	+5.4	175
Munch ...	65,973	+14.4	+1.0	98
Jwad ...	52,872	+15.6	+5.9	177
Gangapur	10,994	+10.6	+2.2	399

classes was very satisfactory until quite recently. The district is fast recovering from the effects of the extinction of opium cultivation which in the past very much affected its

prosperity. The crops on the whole, have been good and even in 1928 the distress was comparatively slight. The census shows a net increase of 14.8 per cent and the population is now 25 per cent more than what it was 30 years ago. The greatest expansion has occurred in the Mandasaur parganah while Suwasra shows a decrease of 6.8 per cent. The result is attributable to the transfer of a large area from the latter to the former parganah. The increases in other parganahs are unimportant. The parganah of Gangapur is surrounded by Mewar territory its area is only 26 square miles and consequently its density is abnormally high.

This district has suffered not so much from short crops as from the fall in the price of cotton. It shows the smallest increase in this Natural Division. The Sonner parganah, which shows

Parganah.	Population.	VARIATION.		Density 1931
		1921-31	1911-21	
Total ...	334,980	+9.8	—1.9	157
Shajapur ...	93,535	+10.1	—4.7	162
Agar ...	76,395	+11.1	—5.9	109
Sonner ...	66,597	+7.8	+1.3	133
Shajapur	98,453	+9.3	—9.0	148

the lowest rate of increase, suffers from its remoteness from the main lines of communications. The comparatively large increase in

Agar is due to the fact that at the time of the census a large number of temporary immigrants were employed there in the construction of the Ujjain-Agar Railway

*Hilly Division*—This district consists to a great extent of rock and ravine and the cultivable area is small. It suffers from lack of communications and is unprotected by irrigation.

A large proportion of the inhabitants are Bhils and Bhilalas. The latter are more numerous in Bakaner	Parganah	Population	VARIATION		Density, 1931
			1921-31	1911-21	
	Total	160,066	+17 2	+8 5	120
	Amjhera.	76,554	+10 9	-2 5	105
	Bakaner	83,512	+23 7	+22 8	139

and it is to the magnitude of the reproductive contribution of these prolific tribes that the large increase in that parganah is to be ascribed Since 1901 the district has added 54 5 per cent to its population

## VII Houses and Families

24 The definition of a house was the same as that at the previous census, *i. e.*, it was generally the building or buildings or part of a building occupied as a dwelling place by one commensal family There were a few exceptions such as bungalows and public buildings (Hospitals, Jails, Military and Police Lines, etc) where each ward, barrack or building was taken as a house. This definition was well understood everywhere Before 1921, the definition was different, hence in Subsidiary Table VII figures for the census of 1911 and 1901 have been omitted This Table shows that the number of persons per house has increased in almost every district. In Narwar and Bhilsa, however, there is a decrease In the former the difference is only slight and is probably due to increased emigration In Bhilsa the decrease of 5 in the average number of persons per house is more apparent than real It is, as has already been stated, due to the inflation of the 1921 figure by the presence on that occasion of a very large number of temporary immigrants

The marginal figures are interesting They show that the Hilly Division has the largest average families. This tract is inhabited by primitive tribes among whom it is

Divisions	NUMBER PER 1,000 FAMILIES OF		
	Persons	Married females aged 15 and over	Children under 10
	2	3	4
1			
State	4,590	903	1,247
Plain	4,700	863	1,247
Northern Plateau	4,620	953	1,302
Southern Plateau	4,410	893	1,178
Hilly	5,040	992	1,558

figures in column 3 The point to notice is, that the size of the household in this tract is dependent not on the cohesiveness of the family which characterises the higher Hindu castes, but on the excessive fecundity of the tribes inhabiting it as is evident from the high proportion of children and dependants aged 0-10



In the Southern Plateau where the people are prosperous and the holdings comparatively large, the joint-family system appears to be slowly melting away. In the Bhind and Tonwarghar districts, on the other hand, where the holdings are splintered into the merest fragments it is a matter of extreme difficulty for even the most discontented co-sharer to leave the ancestral nest.

### VIII Summary

Rate of  
growth of the  
population.

25 The State has shown marked fluctuations at each enumeration; a drop at each census being succeeded by a rise in the next. This phenomenon is by no means peculiar to Gwalior. In almost every part of the Indian continent, famine and epidemic diseases have, from time to time, swept away a large proportion of the population but in no case have they inaugurated a permanent decline. On the other hand we find that these devastating calamities have caused only a momentary hesitation in the onward march of population growth and that in almost every instance the surviving population has tended to regulate itself back towards the normal after each visitation.

This is exactly what has happened in Gwalior. The stricken population of the State has once again responded in the familiar historic fashion. In the previous decade it was hit very severely by the influenza epidemic, and on the present occasion it has simply hit back with the same amount of force with which it was struck. The result is that the population has increased on the whole at a rate greater by approximately 8 per cent than the normal, which is between 7 and 8 per cent for the territory as a whole. We have seen that there is nothing in the conditions of the decade, distinctly suggesting an abnormal increase in the population by natural accretions. Also, since influenza fell with the greatest severity on the reproductive ages, the age and sex constitution of the 1921 population cannot be said to be favourable to population expansion. How then are we to explain the extraordinary rate of growth which the present census has disclosed? It seems that the convalescence of a population runs much the same course as that of any individual organism. It is in either case a period of maximum growth and vitality compared with which a full return to health appears as a setback. In other words, a population recovering from a widespread calamity acquires a biological value of its own which sets the pace of its expansion.

It is difficult to explain this phenomenon. The result is perhaps due to the innate endowment and the resulting uncanny behaviour of the population which survived the formidable ravages of the influenza epidemic. The texture of that population was of necessity so uneven and so full of flaws and knots and holes as to preclude the possibility of so stupendous a rebound. But it was at the same time a population that had become, so to speak, highly specialized through the agency of selection and was therefore in a position to expand at an extraordinarily rapid rate. Thus with the gradual disappearance of the psychological reflexes of the influenza

epidemic, which tended to induce sterility, the recuperative and reproductive powers of the people were unleashed and these hastened the process of filling up the gaps in the depleted population. The population left behind was stronger and consequently the birth and survival rates among the survivors were relatively high and the death rate abnormally low. Also, since influenza had diminished very considerably the number of births by destroying an overwhelming proportion of possible parents, the death rate among infants for some years after the epidemic must have been low and the natural rate of increase much higher than usual.

The conclusion therefore is that, while the comparative freedom of the decade from scarcity and epidemic diseases has prevented the mortality rate from rising above the normal, it is the superior biological equipment of the 1921 population and the higher survival rate resulting from diminished mortality, especially among infants, that are the principal contributaries to the magnitude of the increase in the population.

26. Assuming an even distribution of the 1931 population over the whole area, the mean density of the State represents 134 persons per square mile. The density of the population in each of the districts of the State is shown in the marginal tables reproduced in the foregoing paragraphs. It is superfluous to point out that densities in this composite form are the resultants of a combination of physical factors, such as the relative proportions of the dense urban units, sparse rural areas, waste lands and practically uninhabited jungle tracts, and are therefore of little use as an index of population pressure. It is only by breaking these figures into their component parganah figures that we can get some insight into the conditions prevailing in each tract. The factors affecting density are many and their influence has already been noticed in respect of the areas the density of which differs widely from the State average. The results are so complex that it is impossible to reduce them to a single formula. All that can be said is that the amount of cultivable area available is the principal determinant of density in all the four Natural Divisions.

**Principal Influences Determining Density**

27. Overpopulation may be said to be confined to the districts of Bhind, Narwar and Tonwarghar. In order to appreciate the full significance of the pressure of the populations on the land, it is necessary to travel considerably beyond the mere census record. We must study the incidence of this evil as it actually exists and observe the restlessness through which it makes its voice heard. Although these districts show an increase in their populations, the signs of congestion are to be seen in a large emigrant population, large remittances by money orders to relatives at home, under-employment of the cultivating classes, excessive cutting up of holdings and in the annual returns for serious crime. The case of the fertile districts in the Southern Plateau is also one of congestion. Here the weight of numbers thrown on the soil is at present not beyond its capabilities but in some districts the population is increasing at a tremendous rate. In fact it is a question whether the present increase in the populations of the Ujjain and Amjhara districts has been accompanied by a parallel development of their resources.

**The Population Pressure**

## SUBSIDIARY TABLE I.

## Density Water Supply and Crops.

Natural Divisions and Districts.	Mean density per square mile in 1931.	PER- CENTAGE TO TOTAL AREA.		PER- CENTAGE TO CUL- TIVABLE AREA.		Percentage of cultivated area which is irrigated.	Normal rainfall.	PERCENTAGE OF GROSS CULTIVATED AREA UNDER					
		Cultivable.	Net cultiva- ted	Net cultiva- ted.	Double cropped.			Makha.	Wheat.	Gram.	Jowar.	Poppy	Barley
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Gwalior State --	134	48	33	70	4	6	31.30	3	18	10	28	--	1
Natural Divisions.													
1 Plain --	165	43	28	66	2	9	27.67	--	10	16	23	--	3
2 Northern Plateau.	99	43	26	60	4	8	33.45	6	11	11	36	--	2
3 Southern Plateau.	141	56	45	80	6	3	34.57	3	23	7	30	--	--
4 Hilly --	120	49	36	76	3	1	28.41	18	10	6	14	--	--
Districts.													
1 Gird --	213	44	23	52	2	8	28.77	--	16	19	30	--	1
2 Bhind --	243	57	44	77	3	14	25.55	--	9	17	20	--	5
3 Tonwarghar	184	51	40	77	2	5	29.33	--	5	13	19	--	2
4 Sheopur --	58	25	12	50	2	4	27.90	1	18	8	35	--	1
5. Narwar --	104	41	24	58	6	12	30.40	6	9	9	27	--	4
6. Ingarh --	94	45	28	61	3	4	36.86	6	14	12	46	--	--
7 Bhilsa --	124	64	46	71	3	--	37.22	2	41	15	25	--	--
8. Ujjain --	148	59	32	87	6	2	32.17	2	28	4	31	--	--
9. Mandamar	153	48	39	81	13	10	33.14	7	12	9	29	2	--
10. Shajapur --	137	53	43	80	3	3	35.75	3	12	2	33	--	--
11. Amjhara --	120	49	36	76	3	1	28.41	18	10	6	14	--	--

NOTE.—1. The figures in columns 3 to 14 relate to the Khams portion of the State only

2. Cultivable area includes net cultivated area and fallows.

3. In this and other Subsidiary Tables

Plain includes the Gird, Bhind, Tonwarghar and Sheopur districts.

Northern Plateau includes the Narwar and Ingarh districts.

Southern Plateau includes the Bhilsa, Ujjain, Mandamar and Shajapur districts, and

Hilly includes the Amjhara district.

## SUBSIDIARY TABLE II

## Distribution of the Population classified according to Density.

Natural Divisions and Districts		PARGANAHS WITH A POPULATION PER SQUARE MILE OF					
		Under 150		150-300		300-450	
		Area	Population (000's omitted)	Area	Population (000's omitted)	Area	Population (000's omitted)
1		2	3	4	5	6	7
Gwalior State	---	19,319 73 3	1,979 56 2	6,573 24 9	1,348 38 3	475 1 8	195 5 5
Natural Divisions.							
1. Plain	---	4,035 51 7	355 27 6	3,316 42 5	749 58 1	449 5 8	184 14 3
2. Northern Plateau		7,799 93 4	719 87 4	554 6 6	104 12 6	---	
3. Southern Plateau	--	6,154 69 3	745 59 6	2,703 30 4	495 39 6	26 3	10 8
4. Hilly	--	1,331 100	160 100				
Districts.							
1. GIRD		1,042 60 9	135 36 9	221 12 9	45 12 4	449 26 2	184 50 7
2. Bhind	---	---	.	1,718 100	418 100	..	.
3. Tonwarghar	.	627 31 3	84 22 7	1,377 68 7	286 77 3	.	---
4. Sheopur		2,366 100	137 100		.		---
5. Narwar	---	3,322 85 7	298 74 1	554 14 3	104 25 9	.	---
6. Isagarh		4,477 100	421 100				---
7. Bhilsa		1,905 100	235 100				---
8. Ujjain	--	1 709 62 3	202 49 8	1,032 37 7	204 50 2		
9. Mandsaur	--	672 37 8	66 24 3	1,079 60 7	196 71 9	26 1 5	10 5 8
10. Shajapur		1,868 75 9	241 71 6	592 24 1	95 28 4		---
11. Amjhera	--	1,331 100	160 100				---

NOTE.—The figures in italics represent the proportion per cent which the area and population of each density group bear to the total area and population.

## SUBSIDIARY TABLE III.

## Variation in relation to Density since 1901

Natural Divisions and Districts.	PERCENTAGE VARIATION (INCREASE + DECREASE —)			Net variation 1901 31	MEAN DENSITY PER SQUARE MILE.			
	1921 31	1911 21	1901 11		1931	1921	1911	1901
1	2	3	4	5	6	7	8	9
Swatler State	+103	— 13	+ 53	+148	134	121	123	117
Natural Divisions.								
1. Plain	+102	— 39	— 74	— 19	165	150	156	169
2. Northern Plateau	+ 92	— 64	+151	+176	99	90	96	84
3. Southern Plateau	+104	+ 42	+159	+310	141	128	122	107
4. Hilly	+172	+ 85	+214	+545	120	103	92	74
Districts.								
1. Gird	+117	+ 43	—189	— 53	213	191	183	224
2. Bhind	+ 94	— 45	— 43	+ 00	243	222	233	243
3. Tonwarghar	+ 98	—112	+ 06	— 19	184	167	188	187
4. Sheopur	+ 97	— 07	— 69	+ 14	58	52	55	57
5. Narwar	+ 86	— 91	+119	+ 85	104	98	108	97
6. Inagarh	+118	— 55	+185	+277	94	83	89	74
7. Bhilai	— 37	+271	+368	+674	124	128	101	73
8. Ujjain	+182	— 03	+116	+315	148	125	126	113
9. Mandmar	+145	+ 03	+ 93	+254	133	134	127	114
10. Shajapur	+ 96	— 19	+ 86	+168	137	125	125	115
11. Amjhera	+172	+ 85	+214	+545	120	103	92	74

NOTE.—Percentage variations and mean densities have been calculated on adjusted figures embodied in Imperial Table II of 1931

**SUBSIDIARY TABLE IV**  
**Variation in Natural Population.**

Districts.	POPULATION 1931				POPULATION 1921				VARIATION PER CENT IN NATURAL POPULA- TION + OR -
	Actual Population	Immigrants.	Emigrants	Natural Popu- lation.	Actual Popu- lation	Immigrants	Emigrants	Natural Popu- lation	
1	2	3	4	5	6	7	8	9	10
Gwalior State	3,523,070	281,550	296,684	3,538,204	3,195,476	293,409	289,025	3,191,092	+ 10.9
Districts									
1. Gird ..	364,806	33,813			326,466	30,987			
2. Bhind	418,224	14,906	-		382,633	18,886			
3. Tonwara- ghar.	369,648	10,615	..		336,660	9,511			
4. Sheopur.	137,034	10,058			124,865	7,476			
5. Narwar ..	401,586	8,679		..	369,627	5,753			
6. Isagarh..	421,311	15,143			384,088	22,108			
7. Bhilsa .	235,288	35,852	..	..	247,667	48,497	.		
8. Ujjain	405,961	57,653			344,218	54,604			
9. Mandaur	272,166	39,934	..		237,745	40,080	..		..
10. Shajapur.	336,980	35,152	..	.	304,987	34,291	..		
11. Amjhera.	160,066	19,745			136,520	21,216	-		..

NOTE 1—Details of emigrants by their district of birth being not available, columns 4, 5, 8, 9 and 10 have been left blank

2—Figures in columns 4 and 8 do not include emigrants to foreign countries.

## SUBSIDIARY TABLE V

Comparison between Census Figures and Vital Statistics.

Natural Divisions and Districts.	In 1921 '30 total number of		Number per mille of population of 1921 of		Excess (+) or Deficiency (-) of Births over Deaths.	Increase (+) or decrease (-) of population of 1931 compared with 1921	
	Births	Deaths.	Births	Deaths		Natural Population	Actual Population
1	2	3	4	5	6	7	8
Greater State	374,031	238,135	11.71	9.02	+ 25,896	+ 3,47,116	+ 329,894
Natural Divisions.							
1 Plain	138,492	104,951	11.84	8.97	+ 33,541	—	+ 119,542
2 Northern Plateau.	114,798	74,357	15.23	9.87	+ 40,441	—	+ 69,182
3 Southern Plateau.	111,053	98,580	9.81	8.70	+ 12,503	—	+ 117,624
4 Hillly Districts.	9,658	10,247	7.07	7.51	— 589	—	+ 23,546
1 Gird	27,188	21,416	8.33	6.50	+ 5,972	—	+ 38,340
2 Bhind	62,500	43,860	16.33	11.48	+ 18,640	—	+ 36,043
3 Tawa-gar	34,079	26,423	10.12	7.85	+ 7,654	—	+ 32,988
4 Sheopur	14,723	13,450	11.79	10.77	+ 1,275	—	+ 12,169
5 Narwar	55,335	38,162	14.69	10.13	+ 17,173	—	+ 24,871
6 Isagath	59,463	36,195	15.77	9.60	+ 23,268	—	+ 44,311
7 Bhilai	29,078	24,905	11.90	10.20	+ 4,173	—	— 8,975
8 Ujjain	25,221	26,059	7.35	7.58	— 818	—	+ 62,591
9 Mandla	28,397	20,880	11.94	8.08	+ 7,517	—	+ 34,421
10 Shajapur	28,387	26,756	9.23	8.70	+ 1,631	—	+ 29,587
11 Amjhera	9,658	10,247	7.07	7.51	— 589	—	+ 23,546

NOTE.—For column 7 see explanation given under S. subsidiary Table IV

## SUBSIDIARY TABLE VI.

## Variation by Natural Divisions classified according to Density

Natural Division,	Decade	Actual variation in Natural Divisions with a population per square mile at commencement of decade of			Proportional variation in Natural Divisions with a population per square mile at commencement of decade of		
		Under 150	150—300	300—450	Under 150	150-300	300 450
1	2	3	4	5	6	7	8
Gwalior State	1921-1931	+ 230,062	+ 75,286	+ 24,546	+ 11.5	+ 7.4	+ 14.4
Natural Divisions							
1 Plain		+ 42,634	+ 53,355	+ 23,553	+ 10.5	+ 8.9	+ 14.6
2. Northern Plateau		+ 62,283	+ 6,899		+ 9.5	+ 7.1	
3 Southern Plateau		+ 101,599	+ 15,032	+ 993	+ 12.6	+ 4.7	+ 2.2
4. Hilly		+ 23,546			+ 17.2		

## SUBSIDIARY TABLE VII

## Persons per House and Houses per square mile

Natural Divisions and Districts	AVERAGE NUMBER OF PERSONS PER HOUSE				AVERAGE NUMBER OF HOUSES PER SQUARE MILE			
	1931	1921	1911*	1901*	1931	1921	1911*	1901*
1	2	3	4	5	6	7	8	9
Gwalior State	4.59	4.45			29.12	27.21	—	—
Natural Divisions								
1 Plain	4.70	4.51			35.17	33.30		—
2 Northern Plateau	4.62	4.48			21.20	20.15		—
3 Southern Plateau	4.41	4.33			31.93	29.45		
4. Hilly	5.04	4.97			23.86	20.77	—	
Districts								
1 Gird	4.39	4.09			48.57	46.65	—	—
2 Bhind	4.85	4.82			50.18	46.10		
3 Tonwarghar	4.99	4.71			36.98	35.65	—	
4 Sheopur	4.44	4.28			13.05	12.34	—	
5 Narwar	4.56	4.59			22.75	21.41	—	
6 Isagarh	4.68	4.35			20.09	19.11		
7 Bhilsa	4.65	5.15			26.58	24.86		—
8 Ujjain	4.35	4.09			34.01	30.67		
9 Mandla	4.39	4.13			31.90	32.34		—
10 Shajapur	4.33	4.21			31.60	29.59		—
11 Amjhera	5.04	4.97		—	23.86	20.77	—	—

\*See para 27



## CHAPTER II

### THE POPULATION OF CITIES TOWNS AND VILLAGES

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#### I Introductory

28. *Data for Discussion.*—Imperial Table I shows the general distribution of the population over urban and rural areas, Table III its distribution over towns and villages classified by size of their population, Table IV the grouping of towns by classes and the variation in their population since 1881 and Table V the distribution of towns by districts and by religion. Of the Subsidiary Tables at the end of this chapter, Table I gives the distribution of the population between towns and villages, Table II the number-per-mille of each main religion who lives in towns, Table III the classification of towns by population and the percentage of variation and proportion of acres in each class and Table IV the density percentage of variation and proportion of acres in cities.

29. *Definitions.*—In order to understand the data presented in the abovementioned Tables it is necessary to take careful note of the meaning of the three terms employed, *viz.*, Village, Town and City. A village signifies a well-defined unit of area known as the Revenue Village which was not uninhabited on the census night. The towns of the State consist of well-marked urban areas which are either Cantonments or possess some sort of municipal government. According to this definition there are in all 43 towns in the State of which only two, namely Lashkar and Ujjain, have been selected as coming within the definition of 'city'. Both these places fall short of the numerical standard (of a population of a hundred thousand or more) prescribed for a city but both are of sufficient importance to justify the more detailed presentation of statistics which has been prescribed in the case of cities.

#### II. Cities.

30. *Lashkar.*—Of the 43 towns, Lashkar is easily the largest. It is the modern capital of the State and has for this reason been treated as a city at each successive census since 1801.

Lashkar as a census city includes the City proper and the Cantonment. It is open to question whether at future censuses its belt of extramunicipal suburbs and the rapidly growing towns of Gwahar and Morar ought not to be also included. The latter are satellite towns located within the orbit of the City. Though not directly dependent on the City they are administered by the City's Municipality and their economic and social life ebbs and flows in accordance with the forces set in motion in the central urban area. Moreover they owe much of their present size and prosperity to their proximity to the City. There is evidence of the thick population criss in the denser regions of the City gradually melting away and their displaced inhabitants settling themselves in these towns. Two magnificent

roads connect the City with Morar and along these roads buildings are fast springing up. It seems highly desirable that at future censuses these two towns together with the intervening strip of extra-municipal area should be included in the City. Lashkar will then have acquired an unimpeachable title to being called a city.

The City has gone through a series of vicissitudes in the way of

Year	Population	VARIATION		ups and downs of population. In the decade 1901-11 it lost no less than 45 per cent of its population. This extraordinary drop was due mainly to the plague which was raging in the City at the time of the census and
		Actual	Per cent	
1881	88,066			
1891	104,083	+ 16,017	+ 18.2	
1901	102,626	- 1,457	- 1.4	
1911	56,187	- 45,439	- 45.3	
1921	80,387	+ 24,200	+ 43.1	
1931	86,767	+ 6,380	+ 7.9	

not only killed a great number but drove many more away. The 1911 Census thus entirely failed to afford a true indication of the normal population of the City. The increase of 43 per cent at the Census of 1921 was therefore not so remarkable as would on the surface appear, and here, too, the imposition of the severe influenza mortality experienced in 1918-19 has completely obscured the true extent of the City's revival.

It is thus clear that the figures for 1911 and 1921 were secured under conditions which render their comparison with the results of the present census misleading. All that can be said is that in spite of the net gain of 6,380 during the decade the net population loss to the City since 1901 still exceeds 15,000.

The population of the City is now 86,767 which represents an

Cities	POPULATION		Approximate decennial increase per cent	increase of 7.9 per cent since 1921. It will be of interest to compare the rate of growth in this and in other cities and this is done in the marginal statement for some of the more important neighbouring cities for which statistics are
	1931	1921		
Indore	127,327	93,091	36.8	
Ujjain	51,650	43,908	24.5	
Agra	229,764	185,532	23.8	
Jaipur	144,179	120,207	19.9	
Baroda	112,862	94,712	19.2	
Lashkar	86,767	80,387	7.9	

available. It will be seen that Lashkar is the only city in the group in which the rate of increase has been less than 10 per cent. The decline is all the more noticeable because it has occurred in a decade in which no calamitous occurrence of any magnitude has disturbed the even course of the City's births and deaths. It would obviously be a mistake to ascribe this result wholly to the late effects of the plague and influenza epidemics. Even allowing to the fullest extent for the disturbances caused by these factors a rate of increase of approximately 8 per cent in a decade so favourable to population growth appears to be unduly low. This rather exceptional phenomenon points to the probability that other and more potent influences have also been at work which have in the past operated to weaken the City's momentum of growth.

The city of the eighties owed its size and growth to circumstances which permitted a larger concentration of the population in the locality than modern conditions will support. It was at that time an important focus of trade-routes and dominated the trade to the interior of the whole of Northern Gwalior. In 1879 the extension of a broad-gauge railway from Agra with Lashkar as its extreme southern terminus provided an enormous stimulus to its commercial activity. But a few years later the extension of the railway towards Jhansi, the construction of the Bina Baran Railway and finally the opening of the various sections of the Gwalior Light Railway effected a wide dispersal of the trade of the City. Then followed the abolition of *sayar* or internal customs which by stimulating the growth of independent collecting and distributing centres all along the various railway routes further reduced the City's area of commercial dominance to extremely narrow dimensions. The resultant deterioration which first manifested itself in 1901 has in the past been completely masked by the more extensive and spectacular disturbances caused by the plague and influenza epidemics. But the low rate of the City's recovery disclosed by the present census makes it plain that there has been a continuous decline in its rate of growth from census to census since 1891. In recent years vast developments and improvements have taken place in the City but there has been no industrial advancement on a scale sufficient to offset the effects of its decommercialization.

We may therefore regard it as certain that the lessened rate of increase is a reflection of the adverse influences which have been operating not only to accelerate emigration but also to diminish immigration which in former years provided a substantial portion of the City's trading community. Statistical proof of this statement is difficult, because we have no means of ascertaining with accuracy to what degree the changes in the rates of migratory movements have affected the trading section of the City's population. It is, I think sufficient to point out that the present total of 9,296 immigrants is too low a figure for a capital City of the size of Lashkar with a large army and an equally large contingent of civil employees.

The density of the City according to the area reported by the Municipality is 21 691 persons per square mile. The age and sex composition differs very little from the normal and emphasises its non-industrial character.

The actual numerical changes in the main religions since 1921 are shown in the margin. The Hindus, though they show a larger numerical increase than the Muslims have increased by 6·8 per cent only while the Muslims show an

shown in the margin. The Hindus, though they show a larger numerical increase than the Muslims have increased by 6·8 per cent only while the Muslims show an

Actual increase and decrease in each religion.				
Religion.	Difference.	1921	1931	(+) or (—)
	Persons	Males.	Females.	
Hindu	— + 4 135	+ 1,642	+ 2,493	
Muslim	— + 2,196	+ 1,097	+ 1 101	
Jain	— + 123	+ 102	+ 21	
Christian	— — 29	— 31	+ 2	

increase of approximately 12 per cent. The increase of females among Hindus is probably due to the increased emigration of males.

The following is the percentage distribution of the whole population since 1901. The figures for the 1911 Census have been omitted as

Percentage distribution of the population of Lashkar by religion 1901-31					they are abnormal on account of the confusion caused by the plague epidemic. It will be seen that the percentage of Hindus has diminished by 2 per cent since 1901 while that of Mus-
Religion	1901	1911	1921	1931	
Hindu	76		75	74	
Muslim	22		23	24	
Jain	2		1	1	
Others			1	1	

lims shows an increase of 2 per cent during the same period. On the whole both these religions show the same fluctuations in the City as in the general population of the State.

The actual distribution of the population according to birthplace

Distribution of every 1,000 of the population of Lashkar by birthplace, 1921 and 1931.				is shown in the inset for the last two censuses. It has already been stated that the City has long been suffering from diminished immigration. This is quite clear from the table. It will be seen that while the proportion of the total population which has actually been born within the State has increased from 870 to 892
Birthplace	1931	1921		
Gwalior State	892	870		
United Provinces	54	64		
Rajputana	17	22		
Central India	12	13		
Bombay	8	14		
Punjab	5	6		
Other places including other countries	12	11		

per mille, the stream of immigrants from other parts of India and notably from the United Provinces and Rajputana is not as large now as it was in 1921.

Unfortunately, separate birth and death figures for the City are not available. But as far as the results of the special enquiry go it would appear that the average number of births and deaths per annum is 3,669 and 2,817 respectively. This means a decennial increase of about 7,900. Since the population in the decade has increased by 6,380 only we have in some way to account for the deficit of approximately 1,500. If the birth and death estimates were correct this figure would represent the City's loss by emigration. But since the method by which the above estimates of births and deaths have been arrived at is rather uncertain it is hardly worth while to pursue the matter further.

31 *Ujjain*—It is for the first time that Ujjain figures as a census city. From ancient times a capital city it was the seat of Scindia's Government till the year 1810. It has had its eclipses in the past but it still retains its cultural endowment and metropolitan character. The life of its inhabitants is highly urbanized and it possesses in an eminent degree the psychological mechanism by which a city thrusts itself into the subjective life of its inhabitants. It stands astride of important traffic routes and railways and is so ancient and sacred that it attracts year by year thousands of pilgrims from every part of the country. In recent years it has found in the cotton industry a force that has contributed considerably to its expansion.

Its population has increased by 22·4 per cent since 1921 and by as much as 63·3 per cent since 1881. Its density is 11 086 per square mile.

The population of Ujjain is extremely cosmopolitan in character. The immigration figures for the city show that 37·9 per cent of the population are immigrants born outside the district and assuming that at least another 5 per cent are born in the Ujjain district but outside the city it will be seen that no less than 41 per cent of the inhabitants are foreign born. Of the immigrants born outside the State 64 per cent hail from the Central India Agency alone, while Rajputana Agency and the United Provinces contribute 19 and 7·5 per cent respectively. The high proportion from the Central India Agency will cause no surprise if the position of the Ujjain district on the map is borne in mind.

The distribution of every 1 000 persons by religion is as follows:—

Hindus	..	..	681
Musalmans	..	...	282
Jains	..	..	85
Others		..	3

The sex proportion of the city is highly abnormal. The proportion of females is only 189 to every 1 000 males as compared with 922 in the whole district. Such a condition is inevitable in the case of manufacturing towns.

### III Towns

32 *Number*.—There are at this census 43 towns, an increase of 16 since 1921. Three places included in the 27 towns of 1921 have dropped out while 19 new places—15 Municipalities and 4 Cantonments—have been added to the remaining 24. Lashkar and Ujjain are the only towns which have populations over 50 000.

Of the 43 towns 23 fulfil the numerical qualification while 20 have populations of under 5 000.

The urban population has risen by 96,829 in the decade. The increase is largely due to the inclusion of new towns which bring the proportion of urban population up to 323 per mille. If they be excluded the increase is only 40,384 or nearly 135 per mille as against 110 in 1921. Gwalior is a distinctly agricultural country and many even of the large towns are not in the midst of rich agricultural areas on which they are dependent for their maintenance as business centres. None of these urbanized regions is without its rural residue. The smaller towns are but overgrown villages—a sort of sociological no man's lands where urban and rural ways of life still contend for mastery.

33 *Towns in the Plain Division*.—There are 13 towns in this Division. The most progressive is Gwalior which has grown by more than 68 per cent during the decade. It owes its expansion to the establishment of a large spinning and weaving mill. This accounts for its abnormal sex ratio which is 788 females per 1 000 males.

Morena is also a rising town and is fast coming into importance as a trading centre. It shows a considerable gain of population.

The apparent loss of population in Morar is due to the reduction in the Army. The town proper has probably gained ground.

The old towns of Gohad and Sheopur show an increase of 16 and 17 per cent respectively.

Bhind is prosperous but has not shown much increase during the last decade.

Of the remaining towns Jaura and Ambali are new, Bhandar is stationary and Subalgarh slightly decadent.

34 *Towns in the Northern Plateau Division*—There are in all 10 towns in this Division of which 6 are new. The increase of 62 per cent in Guna is due to the inclusion of the Cantonment area.

Shivpuri is growing slowly but Narwar in the same district is decadent.

Chanderi is growing steadily since 1911 but its population is still less than what it was in 1891. This town is still noted for the manufacture of delicate fabrics.

35 *Towns in the Southern Plateau Division*—Excluding Ujjain there are 14 towns in this Division. Of these 4 are new and 1 is a British Cantonment. The most progressive are Khachraud and Bhilsa which have grown by 25 and 20 per cent respectively. The apparent increase of 44 per cent in Agar is due to the inclusion of the Cantonment area.

Barnagar, Jawad and Nimach are prosperous towns but have not grown much during the last decade.

Mandsaur was one of the most flourishing towns of Malwa, but the abolition of opium trade and the advent of the railway have hit it very severely. The result of these adverse conditions is that its population has declined by 40 per cent since 1891. The same remarks apply to Shajapur, which has lost 30 per cent during the same period. Shujalpur has lost 16 per cent of its population during the decade. This smart decline is probably due to the catastrophic fall in the price of cotton.

36 *Towns in the Hilly Division*—All the 3 towns in this Division are new and none of them is of much moment. The largest is Manawar with 4,311 persons but it is secluded and shows no tendency to grow. The hilly nature of the country and its isolation from railway preclude the growth and formation of large towns.

#### IV. Urbanization

37 The marginal statement shows the classes of towns and their number and population. It will be seen that the bulk of the urban population (14 per cent) now lives in towns having between 5,000 and 20,000 inhabi-

Class	Number of towns	Population	tants, 33 per cent in towns of
II 50,000-1,00,000	2	132,459	over 50,000, 5.6
III 20,000-50,000	1	21,999	per cent in
IV 10,000-20,000	7	80,900	towns of 20,000
V 5,000-10,000	13	92,967	and over and 17
VI Under 5,000	20	66,987	per cent in towns

having a population of less than 5,000

Between 1921 and 1931 the urban population of the State has increased by 32·5 per cent as compared with an increase of 8·3 per cent in the rural population. This marked increase is of course, due to the inclusion of a large number of new towns the increase in the comparable towns being only 13·9 per cent.

In the State as a whole out of every 1 000 persons only 112 live in towns. The following table and the diagram facing this page exhibit the growth in the urban population of each district.

District.	Proportion per 1,000 of urban population in		District.	Proportion per 1,000 of urban population in	
	1921	1931		1921	1931
Gwalior State ...	97	112	Impharh ...	41	74
Gird ...	360	359	Bhilai ...	36	65
Bhind ...	38	38	Ujjain ...	178	202
Tonwarghar ...	27	50	Mandsaur ...	156	151
Bhopur ...	74	50	Shajapur ...	66	60
Narwar ...	61	61	Amjhera ...	—	54

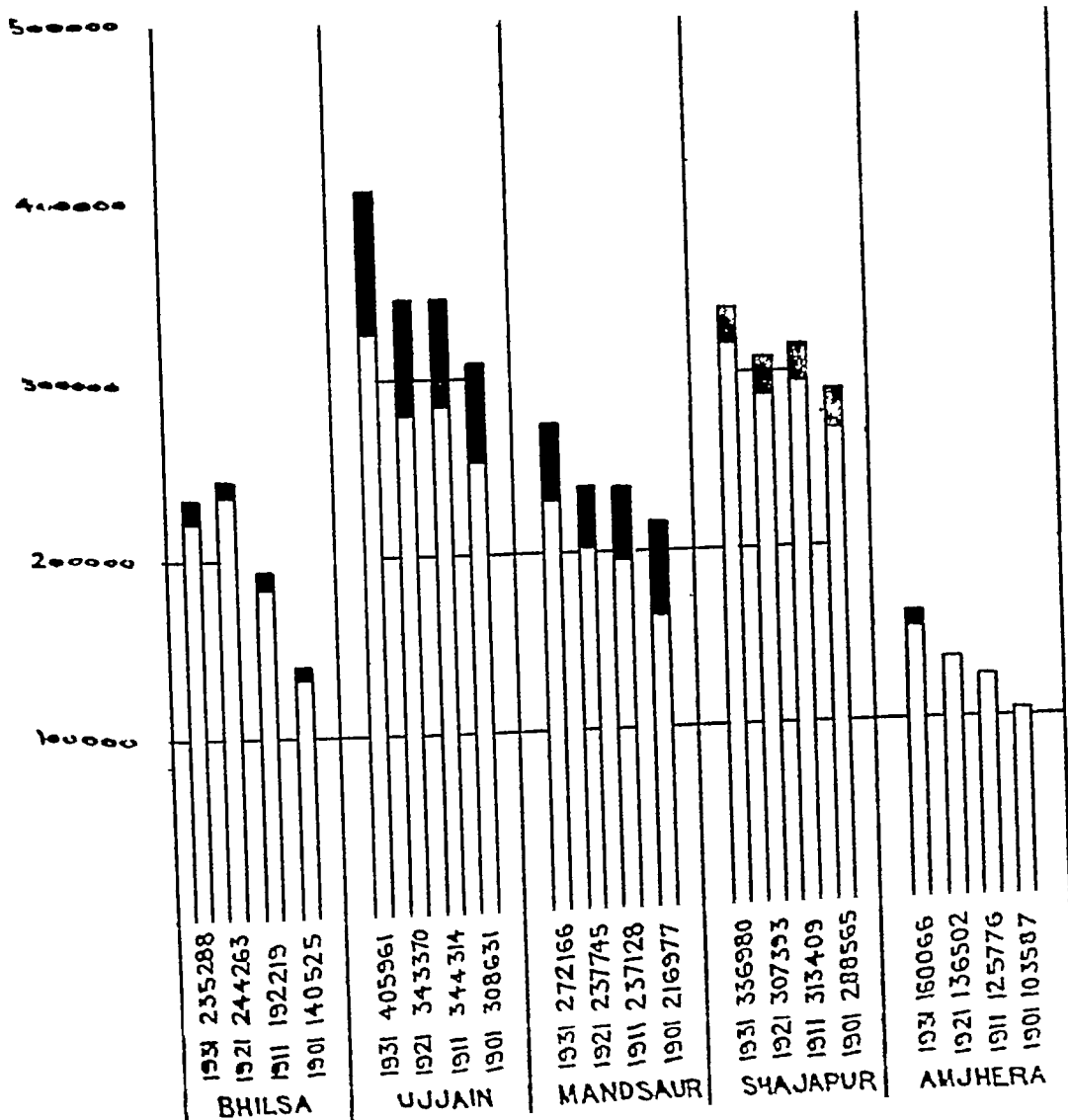
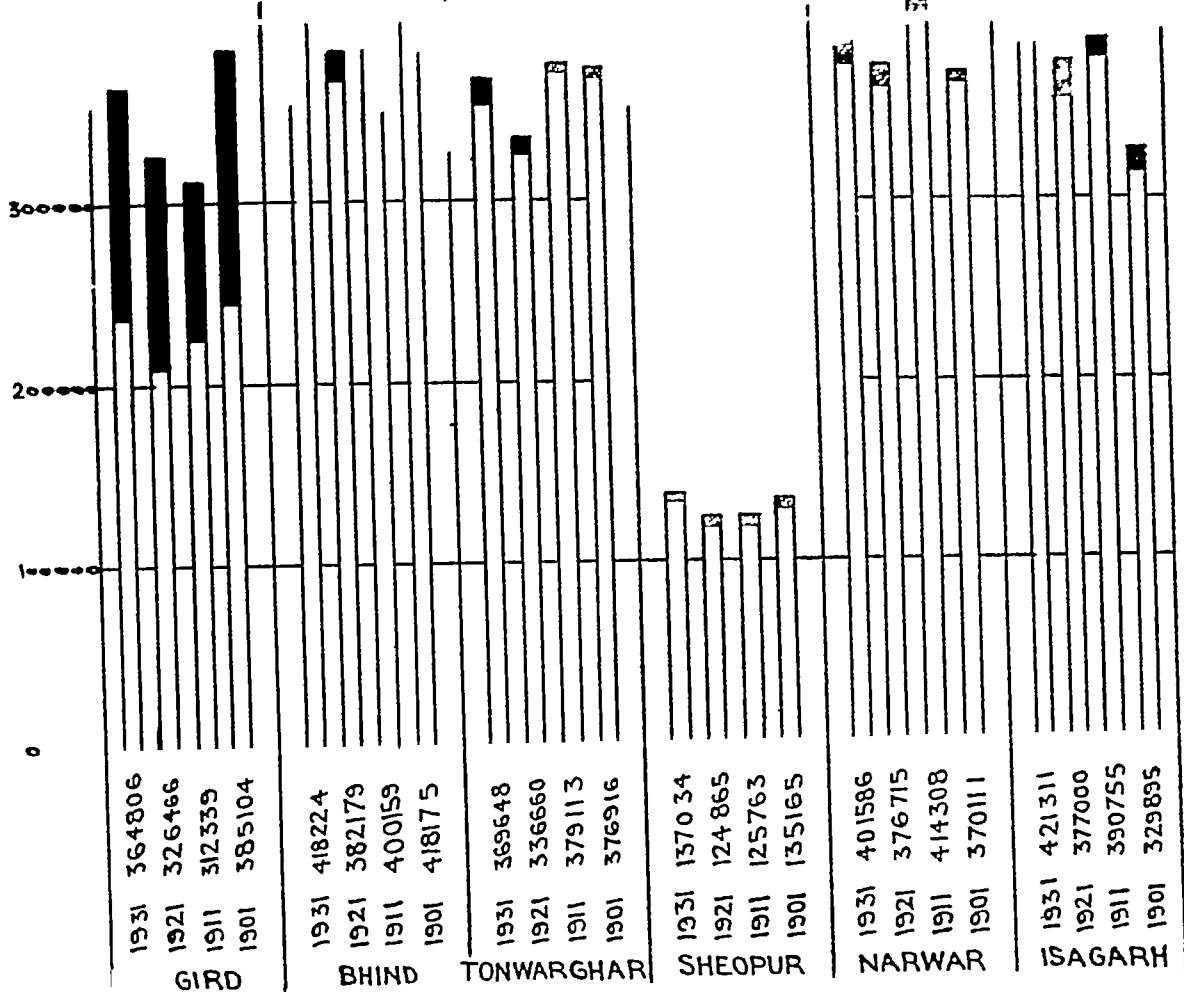
Turning to the figures for the Natural Divisions it will be seen that the urban population is considerable only in the Plain Section where the inclusion of the City of Lashkar brings the proportion of the urban population up to 134 per mille. If the City be excluded it is only a little more than 66 per mille. The second place is taken by the Southern Plateau where 127 per mille of the inhabitants live in urban areas. Here, too, the city of Ujjain is the determining factor which, if excluded, sends the proportion down to 83 per mille. The latter proportion it will be noticed, is higher than the corresponding figure for the Plain Section. The contrast is very striking. It shows as one would expect, that the diffusion and growth of urbanism is more rapid in Malwa than in any other part of the State. Next follows the Northern Plateau with an urban population of 68 per mille and lastly the Hilly Division with only 54 per mille.

The proportion of females per 1,000 males in towns is 842 as against 887 in the total population.

Subsidiary Table II shows that the proportion of Christians living in towns is far higher than that of any other religion, being 623 per mille. Muslims follow with 446 per mille and then come Jains with 377 per mille and lastly Hindus with 87 per mille. In the Southern Plateau and Hilly Divisions the proportion of Jains is higher than that of Muslims.

## V Villages.

88. The style of the village varies with the nature of the country and often with the dominating caste. In the jungly and less fertile tracts of the Hilly and Northern Plateau Divisions the houses are widely scattered and often built of mud, grass and leaves. In the more fertile parts of the Plain and Southern Plateau Divisions the average village lies closely packed together and the houses are more substantially built. In tracts with a pronounced majority of Rajputs most of the houses have their own compounds and often a high wall with one common entrance encloses the



GROWTH OF URBAN AND RURAL POPULATION  
1901 - 1931  
IN EACH DISTRICT

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dwellings of several different families In almost every part of the country the lower or depressed castes are compelled to live in more or less isolated huts at the end of the village,

The number of villages has increased by 335 to 10,852 The average population of a village in the State as a whole is 288 as against 275 in 1921 The maximum average is 457 in Bhind. Next comes Tonwarghar with an average of 447, then a big fall occurs, the next highest average being 298 in Gird and Shajapur and the lowest 205 in Sheopur. The contrast in this respect between Bhind and Tonwarghar and the rest of the districts is most significant These two districts also contain the highest number of the larger type of villages and more than half of their total rural population lives in villages of over 500 The tendency of the rural population to concentrate in large villages appears to be mainly due to the feudal basis of society and to the comparative insecurity of life and property which has long been a characteristic feature of these districts It also demonstrates the increasing pressure of the population on the soil,

## SUBSIDIARY TABLE I.

## Distribution of the Population between Towns and Villages

Natural Divisions and Districts.	AVERAGE POPULA TION PER		NUMBER PER MILLE RESIDING IN		NUMBER PER MILLE OF URBAN POPULATION RESIDING IN TOWNS WITH A POPULA TION OF				NUMBER PER MILLE OF RURAL POPULA TION RESIDING IN VILLAGES WITH A POPULATION OF			
	Tow	Villar	T	Villages	20,000 and over	10,000 to 20,000	5 000 t 10,000	Un der 5 000	5 000 a d over	2,000 to 5,000	500 to 2,000	Un der 500
1	2	3	4	5	6	7	8	9	10	11	12	13
Gwalior State	9 192	228	112	888	391	205	235	169	..	84	398	546
Natural Divisions.												
1 Plain ..	13,261	371	134	866	584	119	208	59	..	85	508	407
2. Northern Pla lands	5,070	240	68	932	..	430	100	470	..	23	339	638
3 Southern Pla lands.	9,902	270	127	878	339	230	325	106	..	49	344	607
4 Hilly Districts.	2 907	254	54	946	..	..	..	1 000	..	63	276	661
1. Gird ..	21,838	299	359	641	768	77	124	31	..	45	428	527
2. Bhind ..	7 979	458	38	962	..	648	352	..	..	92	569	339
3. Tonwarghar...	4 625	448	50	930	..	..	391	609	..	108	559	333
4 Sheopu ..	6 905	230	50	950	..	..	1 000	..	..	71	317	612
5. Narwar ..	4,876	290	61	939	..	531	..	469	..	12	412	576
6. Imgarh ..	5 231	205	74	926	..	351	178	471	..	34	269	697
7. Bhilai ..	7,598	245	65	935	..	696	..	304	..	10	261	729
8. Ujjain ..	13,652	286	202	798	657	129	119	95	..	66	329	605
9. Mandu ..	8,223	244	151	849	..	374	521	105	..	79	385	536
10. Shajapu ..	6 736	298	60	940	..	..	1 000	..	..	38	388	574
11. Ambera ..	2,907	251	54	946	..	..	..	1,000	..	63	276	661

NOTE.—In calculating the proportions the population of encampments, railway population etc. has been left out of account.

## SUBSIDIARY TABLE II

Number per mille of each Main Religion who live in Towns.

Natural Divisions and Districts	NUMBER PER MILLE WHO LIVE IN TOWNS					
	Total Population	Hindu	Muslim	Jain.	Christian	Others
1	2	3	4	5	6	7
Gwalior State	112	87	446	377	624	535
Natural Divisions						
1 Plain	134	107	568	317	842	594
2 Northern Plateau	68	54	404	310	341	90
3 Southern Plateau	127	96	386	431	563	755
4 Hilly	51	39	286	486		
Districts						
1 Gird	359	304	787	655	914	954
2 Bund	38	30	205	188	1,000	6
3 Tonwarghar	50	41	316	270		500
4 Sheopur	50	36	350	622		167
5 Narwar	61	49	493	221	1,000	1,000
6 Iengrah	74	59	353	359	308	47
7 Bhilai	65	54	187	404	600	333
8 Ujjain	202	156	533	660	328	795
9 Mandla	151	113	440	352	727	879
10 Shajapur	60	43	210	284		354
11 Amhera	54	30	285	486		

NOTE —Others include Sikhs and Zoroastrians.

**SUBSIDIARY TABLE III**  
**Towns Classified by Population.**

Class of Towns.	1	2	3	4	5	6	7	8	9	INCREASE PER CENT IN THE POPULATION OF TOWNS AS CLAIMED AT PREVIOUS CENSUSES.		INCREASE PER CENT IN URBAN POPULATION OF EACH CLASS FROM 1881 1931				
										1921 1931	1911 1921	1901 1911	1891 1901	1881 1891	In Towns as claimed in 1881	In the total of each class in 1931 as compared with the corresponding total in 1881.
		Number of Towns of each class in 1931	Proportion per mille to total Urban Population	Number of females to 1 000 males.												
100,000 and over	1	1	1	1	1	1	45.3	14	1	1	1	1	1			
50,000 to 100,000	1	2	335	825 + 7.9	+ 43.7	1	1	1	+ 18.2	+ 1.5	60.6	1	1			
20,000 to 50,000	1	1	56	789 + 13.5	+ 11.8	1	1	5.9	+ 6.9	+ 10.9	72.3	1	1			
10,000 to 20,000	1	7	205	873 + 8.5	+ 5.8	19.9	5.1	+ 17.2	+ 7.0	+ 58.09	1	1	1			
5,000 to 10,000	1	15	235	822 + 18.2	+ 0.9	7.8	11.8	+ 15.9	+ 5.9	2.7	1	1	1			
Under 5,000	1	20	167	887 + 6.3	+ 5.9	26.1	1	1	1	1	1	1	1			

**SUBSIDIARY TABLE IV**  
**Cities.**

City	Population in 1931	Number of persons per square mile.	Number of females to 1,000 Males.	Proportion of foreign born per mille.	PERCENTAGE OF VARIATION.					Total 1881 to 1931.
					1921 to 1881	1911 to 1921	1901 to 1911	1891 to 1901	1881 to 1891	
1	2	3	4	5	6	7	8	9	10	11
Lashkar..	86,767	81,692	832	108	+ 7.9	+43.7	—45.3	— 14	+18.2	— 1.5
Ujjain —	54,650	11,268	789	267	+24.5	+11.8	— 1.5	+15.0	+ 5.3	+65.9

NOTE.—These Cities include adjoining Cantonments.

## CHAPTER III.

### BIRTHPLACE AND MIGRATION

#### I Introductory

39 The movements of the people, so far as they affect the total population, have been dealt with in Chapter I, and the present Chapter will be devoted mainly to the direction and character of migration

In Imperial Table VI are set out the statistics of birthplace of all those born outside the State and outside the districts where they were enumerated. Information relative to the emigrants was communicated by the Provincial Superintendents for the State as a whole and not for each district. At the end of the Chapter will be found four Subsidiary Tables, in which the prominent features of the statistics are given in a summary form.

40. There are, generally speaking, five different types of migration — **Types of Migration**
- (1) *Casual*, or minor movements between adjacent villages, which only affect the statistics when the villages are on opposite sides of the border between two districts or states. In all the districts, this is much the commonest type of migration. In this females predominate, as it arises largely from the custom of obtaining a wife from another village.
  - (2) *Temporary*, due to journeys on business, pilgrimages, fairs and temporary employment on works. This is almost a negligible item on the present occasion.
  - (3) *Periodic*, which includes the annual harvest time migrations. It is a common form in the Bhilsa and Amjhera districts. The former receives, and the latter sends off, annually a large number of labourers just before the harvest time of the *rabi* crop. But I do not think that these movements have affected the figures of the recent census which was taken before the crops were ready.
  - (4) *Semi permanent*, where the natives of one place reside and earn their living in another but retain their connection with their own home, to which they return in old age and at intervals in the meantime. In this the bulk of migrants would be men and families will be left at home. This form is not very common in the State.

- (5) *Permanent*, where owing to overcrowding or to permanent attraction of some other place people abandon their native home and settle elsewhere. It is improbable that there is much migration of this kind within the State, though doubtless the Marwari settlers in the Malwa districts and a large proportion of the cultivators in the Bhikar district fall within this category.

The census statistics make no distinction between these different types of migration, but the relative proportion of the sexes, the distance of the district of enumeration from the district of birth and local knowledge of the conditions prevailing in the various tracts afford important indications which enable us to draw certain inferences.

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41. Since the census statistics refer necessarily only to the distribution of the population on a particular day the volume of temporary and periodic migration must depend largely on the circumstances of that particular date. These circumstances may be briefly summarised as follows:—

- (a) The trade depression which set in towards the close of the last decennium and which was in full force at the time the census was taken has been the controlling factor in the distribution of the population. The distress caused by this disaster has touched all the classes of the people from the highest to the lowest. Thus marriages which, as a rule swell the volume of short distance migration have been less numerous than usual. Also, owing to the dislocation in trade and general financial stringency the tiny migratory streams of businessmen and labourers, which in former years flowed in from the various parts of the country and ran in cross-cross currents all over the State, have all been choked up.
- (ii) The last census following on the heels of a severe influenza epidemic showed a diminished population. Since then, there has been a rather abnormal increase in the population of the State, and this is also one of the causes of the variation in the proportional figures of migration on this occasion.

## II. Migration.—General.

42. Subsidiary Table IV of Chapter I shows that in 1931 there were in Gwalior 281,550 immigrants and that 296,684 persons born in the State were enumerated in places beyond the State territory. The total population of the State is 3,523,070 so that the percentage of the foreign-born is nearly 8 as compared with nearly 9 at the previous census. On the other hand, the emigrants are more numerous by 7,948 on the present occasion but their proportion to the actual population has receded from 9 per cent in 1921 to 8·4 per cent in 1931. It is clear that there is a loss as between immigrants and emigrants of 15,134 persons as compared with the gain in 1921 of 3,701.





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### III Internal Migration

43 The following statement shows the constitution of the population of the State according to birthplace at the last two censuses ---

Birthplaces of persons and proportion per 1,000 to the total population				
	Actual figures		Proportion per 1,000	
	1931	1921	1931	1921
Population enumerated	3,523,070	3,195,476	1,000	1,000
1 Born in Gwalior State	3,241,520	2,902,067	920	908
(a) In district of enumeration	3,153,683	2,754,185	895	862
(b) In contiguous districts	52,856	75,838	15	24
(c) In other districts	34,981	72,044	10	22
2 Born in other provinces	281,350	292,716	80	92
(a) In contiguous parts	267,748	283,074	76	89
(b) In other parts	13,602	9,642	4	3
3 Born outside India	200	693	06	2

These figures speak for themselves. It will be noticed that in 1921 out of every 1,000 persons 862 were born in the district in which they were enumerated. In 1931, the proportion of persons so born has risen to 895. At the same time, the proportions of those born in the contiguous and other districts of the State and of persons born elsewhere show a marked decline. It is obvious, therefore, that immigration has considerably decreased and the number of the home-born has proportionately increased. The slight increase in the proportion of immigrants belonging to the distant parts of the Indian provinces is due to the influx of settlers in the newly opened areas of the State.

A striking feature of the above table is the smallness of the number which moves and the limited area within which it moves. Moreover, much of this movement is mere oscillation—the passing to and fro of married females and casual visits of guests and relations on ceremonial occasions.

An analysis of the internal movement between the four Natural Divisions gives us the following figures —

Natural Division	Per cent home born to total population	Per cent born within the adjoining tract to total population
Plain	91.8	2.8
Northern Plateau	94.8	2.3
Southern Plateau	84.0	2.5
Hilly	86.6	1.0

These figures show that movement is more active in the Southern Plateau and the Hilly area than in the other two Divisions. This is quite natural. Since most of the migration takes place between contiguous areas, a large compact area like the northern portion of the State is likely to contain a larger percentage of the home-born than the Malwa districts and the Hilly district of Amjhera, where there is much intermingling of boundaries with other states.

The diagram opposite shows the proportion per cent of the district and foreign-born in each district.

re-district  
ratios

44 The following table shows the proportion per 10 000 of the population born in each district who were resident in the several districts on the census day —

Birthplace.	DISTRICT IN WHICH RESIDENT.					
	Gird	Bhind.	Tonwarghar	Shoopur	Narwar	Isagarh.
1	2	3	4	5	6	7
Gird —	9 614	43	100	10	44	36
Bhind —	131	9,754	73	2	3	9
Tonwarghar —	134	76	9,703	44	7	12
Shoopur —	26	7	85	9,766	77	16
Narwar —	120	3	12	45	9,632	153
Isagarh —	10	2	1	3	89	9,811
Bhilai —	9	1	1	1	3	43
Ujjain —	12	1	14	—	1	3
Mandaur —	4	—	1	—	—	2
Shajapur —	6	2	1	—	1	8
Amjhera —	2	—	1	—	1	16

Birthplace.	DISTRICT IN WHICH RESIDENT					
	Bhilai.	Ujjain	Mandaur.	Shajapur	Amjhera.	Total.
1	8	9	10	11	12	13
Gird —	66	45	25	14	3	10,000
Bhind —	10	12	1	5	0	10,000
Tonwarghar —	12	4	2	4	1	10,000
Shoopur —	8	8	2	3	2	10,000
Narwar —	26	4	1	5	1	10,000
Isagarh —	51	17	2	13	2	10,000
Bhilai —	9,810	16	1	15	1	10,000
Ujjain —	3	9,536	23	82	20	10,000
Mandaur —	1	63	9,899	16	14	10,000
Shajapur —	2	155	9	9,810	2	10,000
Amjhera —	1	45	3	8	9,813	10,000

It will be seen that Amjhera had the highest proportion of those born within her boundaries still resident therein at the date of the census while Gird had the lowest proportion so resident. This table furnishes an indication of the extent and direction of the outflow of population from the district of birth to other districts in the State.

An interesting view of the effect of the intermigration of the district-born is given in the following table, which shows for any given district the

**Net Migration of the District-born as on the  
26th February 1932**

District from or to which net gain or loss of native born population had arisen	DISTRICT WHICH HAS EXPERIENCED NET GAIN OR LOSS (GAIN DENOTED BY + LOSS BY -)					
	Gird	Bhind	Tonwarghar	Sheopur	Narwar	Isagarh
1	2	3	4	5	6	7
Gird		-3,940	- 1,528	+ 16	-3,376	+ 782
Bhind	+3,940		+ 307	+ 10	- 5	+ 304
Tonwarghar	+1,528	- 307		+ 521	- 197	+ 389
Sheopur	- 16	- 10	- 521		- 830	+ 100
Narwar	+3,376	+ 5	+ 197	+ 830		+2,534
Isagarh	- 782	- 304	- 369	- 100	-2,534	
Bhilsa	-2,001	- 411	- 433	- 94	- 987	-1,221
Ujjain	-1,059	- 451	+ 316	- 92	- 159	- 604
Mandsaur	- 714	- 54	- 64	- 16	- 42	- 36
Shajapur	- 252	- 87	- 101	- 28	- 103	- 372
Amjhera	- 6	- 11	- 12	- 29	- 26	+ 285
Total	+3,954	-5,570	- 2,228	+1,018	-8,259	+2,161

District from or to which net gain or loss of native born population had arisen	DISTRICT WHICH HAS EXPERIENCED NET GAIN OR LOSS (GAIN DENOTED BY + , LOSS BY -)				
	Bhilsa	Ujjain	Mandsaur	Shajapur	Amjhera
1	8	9	10	11	12
Gird	+ 2,001	+ 1,059	+ 714	+ 252	+ 6
Bhind	+ 411	+ 151	+ 54	+ 87	+ 11
Tonwarghar	+ 433	- 316	+ 67	+ 101	+ 12
Sheopur	+ 94	+ 92	+ 16	+ 28	+ 29
Narwar	+ 987	+ 159	+ 12	+ 103	+ 26
Isagarh	+ 1,221	+ 604	+ 36	+ 372	+ 285
Bhilsa		+ 181	+ 8	+ 220	+ 66
Ujjain	- 161		- 502	- 1,847	+ 58
Mandsaur	- 8	+ 502		+ 402	+ 280
Shajapur	- 252	+ 1,847	- 302		- 70
Amjhera	- 6	- 58	- 280	+ 70	
Total	+ 4,732	+ 4,521	- 150	+ 312	+ 133

difference between the number born in other districts who were resident in that district and the number born in that district who were resident in other districts

The district with the greatest net gain was Bhilsa, the total being 1,768, while Narwar with a total of 8,259 was the greatest receiver. Ujjain was the only district which exhibited a net gain from all the other districts except

Tonwarghar and Amjhara—the loss in either case being due to marriage custom. On the other hand, Narwar was the only district which has experienced a net loss to all the others. The largest net gains by one district from another were :—

- 1 3,940 persons by Gird from Bhind,
- 2 3,376 persons by Gird from Narwar
- 3 2,534 persons by Isagarh from Narwar and
- 4 2 001 persons by Bhilsa from Gird.

The above two tables make it clear that the direction of the internal movement is from north to south. It is also manifest from the figures that the Bhind, Tonwarghar and Narwar districts have larger populations than they can support. The outflow of emigrants from these districts is much larger than the above figures indicate. The following figures give some idea of the extent to which these districts have contributed to the number of the Gwalior born, who have been enumerated in the adjoining foreign territory :—

District or State		Emigrants from Gwalior	Immigrants to Gwalior.	Loss.
Dholpur	---	6,596	4 403	2,191
Kotah	---	11 469	9,837	1,632
Jhalawar	---	6 036	3 412	2,624
Jalaun	---	7,723	4 721	3,002
Etawah	---	9,350	5 841	3,709
Agra	---	7,274	6 426	848

#### IV External Migration.

45. *Migration to and from Central India Agency States.*—This State obtains most of its immigrants from the states of the Central India Agency. There are to be found in the State 130 981 persons born in these states against 184 617 enumerated in 1921. The great majority of these immigrants are, of course, found in our border districts of the Malwa Division. Indore alone contributes 36 002 to the districts of Ujjain, Mand saur Shajapur and Amjhara. From Bhopal there are 23,098 immigrants of whom more than half are found in Bhilsa and about one-third in Shajapur. Datia sends 12,859 of whom two-thirds are found in the Gird district. Dhar contributes 11 149 of whom more than two-thirds are found in the immediately contiguous district of Amjhara. The excessive proportion of female to male immigrants shows clearly enough that immigration is of the casual type due to marriage custom.

The State sends a much larger stream of emigrants to Central India states. The total number of such emigrants is 184 617 or 10 169 more than in 1921. Of these emigrants 59 601 were enumerated in Indore, 17 271 in Bhopal, 12,761 in Datia and 16 556 in Dhar. Altogether the State gives 53 633 more persons to the Central India states than it receives compared with 36 836 in 1921. The reason for this is that our Malwa districts with

which much of the interchange goes on are so situated as to favour emigration. Every one of these districts is bordered by a number of small states and there is continual movement to and fro between these states and the contiguous Gwalior territory. In conditions such as these it is almost inevitable that the territory with a larger population and a larger and scattered area should give more than what it takes from the smaller surrounding units. Moreover, the capital towns of most of these states lie so close to our border as to attract from our territory at all times of the year a considerable contingent of labourers, businessmen and other casual visitors.

*Migration to and from Rajputana States.*—The Rajputana states come second in regard to the supply of immigrants. Their number on the present occasion is 76,480 against 78,063 in 1921. As usual, it is to the contiguous parts of the State that they chiefly resort. Malwa districts get about 45,000, Bhilsa 6,000 and Sheopur and Isagarh 8,000 each. Taking the State figures we find that Mewar comes first, giving some 14,000 persons, females being in excess by about 28 per cent. Then follows Jaipur with 13,699, males predominating. Tonk comes next with 12,378, females being in excess. Kotah stands fourth, it gives us 9,837, of whom the districts of Sheopur, Narwar and Isagarh take about 7,000 between them. Females are in excess here also.

The number of the residents of the Gwalior State enumerated in the Rajputana states is now 46,601 as against 53,045 in 1921. Of these, 11,000 are found in Kotah, 10,000 in Tonk, 3,500 in Mewar and only 442 in Jaipur. Females are in excess in almost every case. The net gain to the State is 29,879 persons by this interchange of population.

*Migration to and from the United Provinces.*—The interchange of population with the United Provinces leaves the number of the inhabitants of the State practically unaltered. The total number of immigrants from British districts is 50,383 against 59,021 in 1921. Of the former, 33,000 persons are found in the immediately contiguous districts of the State, viz., Gird, Bhund and Tonwarghar. This migration is due to marriage custom and the females, as usual, greatly exceed the males. Of the total emigrants, numbering 47,385, 14,000 are found in Jhansi, 9,000 in Etawah and 7,000 in Agra. Here also females predominate.

*Migration to and from other Provinces and States.*—The Central Provinces, Bombay and the Punjab, all send to the State a respectable number of immigrants, totalling some 15,000. Bombay receives nearly 2,000 persons from the State, the Central Provinces 8,800 and Punjab 1,500. The migration between the State and other provinces and states is unimportant.

*Migration in the Natural Divisions and Districts.*

46. The number of immigrants to Gwalior from other parts of India according to the present census is 281 850. Of these, nearly 60 per cent were enumerated in the Southern Plateau, 25 per cent in the Plain, 8 per cent in the Northern Plateau, and only 7 per cent in the Hilly Division. Of the districts, only two, viz., Ujjain and Sheopur show an increase in the number of immigrants since the last census in Mandasaur Shajapur and Tonwarghar the number remains practically unaltered, while in the remaining six immigrants are less numerous now than they were ten years ago. Unfortunately separate emigration figures for the districts are not available and therefore it is not possible to determine the extent of the gain or loss to each district by migration.

*The Destinations of the Emigrants.*

47. The number of the Gwalior-born enumerated in other parts of India was 296 684. Of these, 63 per cent were enumerated in the Central India Agency states, 16 per cent in the United Provinces, 16 per cent in the Rajputana states, 8 per cent in the Central Provinces and the remaining 3 per cent in other parts of India. Compared to 1921 we have on this occasion lost more to Bombay Central Provinces and the Central India states, while we have given 7 000 less to the Rajputana states.

### V General Conclusions.

48. It now remains to summarise the results of the foregoing discussion. The pressure of hard times is, in the main, responsible for the diminution in the volume of migration. The balance of migration has, at no time, been much in favour of Gwalior and, on the present occasion, as between immigrants and emigrants, an actual loss of 15,184 persons has been recorded as compared with a gain in 1921 of 3 701. The reasons for this are —

Firstly there is a continuous outflow of population from the heavily populated districts of Bhind, Tonwarghar and Narwar to the neighbouring territory and to Calcutta and other industrial and commercial towns and

Secondly our Southern or Malwa Division, where movement is most active, is by reason of its geographical position an emigration region. Every single district of this Division is encircled by foreign territory and, in most cases, the boundaries are so intermingled, the lines of communication so highly developed and the population so advanced and mobile that, in any circumstances, there will always be at all times of the year a very large outward movement from this tract. Much of this movement is of a casual nature and, therefore, calls for no further comment.

As elsewhere in India, the bulk of the movement is of the short-distance type, its volume being dependent always on marriage custom and the degree of social intercourse subsisting between the populations of the adjacent tracts. Semi-permanent and permanent migration is found in any volume only in the cities of Lashkar and Ujjain and the district of Bhilsa.

From outside the State, we receive four main streams of immigration, from the Central India Agency states, Rajputana states, United Provinces and from the Central Provinces. To these areas we also send equally voluminous outward streams of emigrants, which run almost parallel to the inward streams. In all these cases, the figures both of immigrants and emigrants show an excess of females indicating that the migration is, to a considerable extent, of the "marriage" type.



## SUBSIDIARY

## Immigration (Actual)

B O R N

Natural Divisions and Districts where enumerated.	Districts and Natural Divisions.			Contiguous Districts in the State.			Other
	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1	2	3	4	5	6	7	8
Gwalior State ...	3,241,820	1,745,984	1,495,836	—	—	—	—
Natural Divisions.							
1. Plain ...	1,208,164	670,029	538,135	7,802	3,130	4,672	4,354
2. Northern Plateau.	789,702	417,507	372,195	6,144	3,552	2,592	3,229
3. Southern Plateau.	1,062,130	563,292	498,838	4,699	2,771	1,928	14,973
4. Hilly ...	138,579	71,032	67,547	—	—	—	1,642
Unspecified Gwalior ...	12,968	8,181	4,787	—	—	—	—
Districts.							
1. Gwal ...	314,430	174,325	140,105	15,266	7,797	7,469	1,297
2. Bhind ...	398,495	222,538	175,957	4,091	1,167	2,924	732
3. Tonawarhar ...	348,235	196,118	152,137	7,333	2,817	4,518	3,443
4. Sheopur ...	122,986	66,065	56,923	3,723	1,797	1,926	267
5. Narwar ...	385,524	204,189	181,335	5,972	2,956	3,016	1,411
6. Imargh ...	394,490	208,983	185,507	6,947	3,211	3,736	4,731
7. Bhilai ...	191,694	101,606	90,088	2,057	980	1,077	5,685
8. Ujjain ...	335,589	178,223	157,366	4,656	1,889	2,767	8,063
9. Mandla ...	228,487	121,681	106,806	—	—	—	3,745
10. Shahpur ...	295,054	157,190	137,864	2,809	983	1,821	3,965
11. Amjhara ...	138,579	71,032	67,547	—	—	—	1,642

TABLE I.

Figures ).

IN

parts of the State		Contiguous Provinces or States			Non-contiguous Provinces or States			Outside India		
Males	Females	Total.	Males	Females	Total	Males	Females	Total	Males	Females
9	10	11	12	13	14	15	16	17	18	19
.		26,7748	113,179	154,569	13,602	7,725	5,877	200	143	57
3,171	1,183	64,583	24,648	39,935	4,737	2,806	1,931	72	49	23
1,959	1,270	22,818	9,580	13,238	989	500	489	15	13	2
8,621	6,354	1,49,134	63,536	85,598	19,347	11,378	7,969	110	78	32
920	722	14,907	6,097	8,810	4,835	2,359	2,476	3	3	
..	---			---	--					---
746	551	24,264	10,457	13,807	9,486	4,566	4,920	63	44	19
495	237	10,829	2,570	8,259	4,077	1,444	2,633			
2,326	1,117	2,804	1,175	1,629	7,804	2,319	5,485	7	4	3
141	126	4,421	1,857	2,564	5,635	3 066	2,569	2	1	1
929	482	3,691	1,228	2,463	4,986	2,253	2,733	2		2
2,750	1,981	9,222	3,428	5,794	5,908	3,171	2 737	13	13	
3,542	2,143	21,522	9,629	11,893	14,329	7,326	7,003	1	1	
4,550	3,513	35,149	14,489	20,660	22,471	12,101	10,370	33	22	11
1,790	1,955	25,257	9 612	15,645	14,630	7 217	7 713	47	33	14
2,245	1,720	29,765	10,929	18 835	5,358	3 611	1,747	29	27	7
920	722	14,907	6 097	8,810	4,835	2,359	2,476	3	3	—

## SUBSIDIARY

## Emigration (Actual)

Natural Divisions and Districts of Birth.	NUMBER						
	Districts and Natural Divisions.			Contiguous Districts and Natural Divisions.			Other
	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1	2	3	4	5	6	7	8
Gwalior State	3,241,829	1,743,984	1,493,836	—	—	—	—
Natural Divisions.							
1. Plain	1,208,164	670,029	538,135	4,969	3,063	1,906	7,275
2. Northern Plateau.	789,702	417,507	372,195	12,501	5,901	6,600	120
3. Southern Plateau.	1,062,130	563,292	498,838	1,175	489	686	2,634
4. Hilly...	158,679	71,032	67,647	—	—	—	1,213
Unspecified Gwalior	12,968	8,181	4,787	—	—	—	—
Districts.							
1. Gird —	314,430	174,325	140,105	6,438	3,443	2,995	6,168
2. Bhind	398,495	222,538	175,957	8,338	3,306	5,032	1,716
3. Tonwarghar	348,258	196,118	152,137	9,077	4,605	4,472	1,549
4. Sheopur	122,986	66,663	56,923	2,356	1,032	1,304	590
5. Narwar	383,524	204,189	181,335	12,712	5,387	7,125	1,999
6. Isagarh	394,490	208,583	185,507	5,634	2,418	3,216	1,964
7. Bhisra	191,694	101,506	90,068	836	314	522	893
8. Ujjain	335,589	178,223	157,366	2,809	988	1,821	2,791
9. Mandawar	228,437	121,681	106,806	—	—	—	2,330
10. Shajapur	295,054	157,190	137,864	4,656	1,889	2,767	795
11. Amjhera	138,679	71,032	67,647	—	—	—	1,213

NOTE.—As the figures for emigrants have been received only for the whole State the

TABLE II.

Figures )

R A T E D I N

parts of the State		Contiguous Provinces or States			Non-contiguous Provinces or States.			Outside India		
Males	Females.	Total.	Males	Females	Total	Males	Females	Total	Males	Females
9	10	11	12	13	14	15	16	17	18	19
		287,636	102,643	184,993	9,052	5,944	3,108			.
4,278	2,997	.								
88	32				---		---			
1,263	1,371		.				..			
861	332				---	.				---
					---					
4,537	2,631			.		---				.
1,065	651	.								
990	559	---								
328	262						---			
1,052	947						..			
1,267	697				---					
439	459									
1,084	1,707	.			---	.				
1,154	1,176							---		
476	319		..							
861	55.					---				

columns relating to the Districts and Natural Divisions have been left blank

## SUBSIDIARY TABLE III.

## Migration between Natural Divisions

(Actual Figures compared with 1921.)

Natural Division in which born.			NUMBERS ENUMERATED IN NATURAL DIVISION.			
			Plain.	Northern Plateau.	Southern Plateau.	Hilly
1			2	3	4	5
Gwalior State	1931	—	1,220,320	799,075	1,031,304	140,321
	1921		1 103 764	725,854	957,145	115,304
Plain	1931	—	1 206,164	4,969	7,107	138
	1921		1,094 200	23,236	44,065	1 781
Northern Plateau	1931	—	7,802	789 702	4,099	120
	1921	—	7,782	701,004	9,233	94
Southern Plateau	1931	—	1,566	1,175	1,062,120	1,068
	1921	—	1,628	1,578	903,555	1,017
Hilly	1931	—	40	379	794	138,679
	1921		154	36	272	112,457
Unspecified Gwalior	—		2,748	2,850	7,074	297

**SUBSIDIARY TABLE IV**  
**Migration between Gwalior State and Other Parts of India.**

Province or State.	IMMIGRATION TO GWAJIOR STATE			EMIGRATION FROM GWAJIOR STATE.			EXCESS OR DEFICIENCY OF IMMIGRATION OVER EMIGRATION	
	1931	1921	Variation	1931	1921	Variation	1931	1921
1	2	3	4	5	6	7	8	9
<b>Total</b>	281,350	292,726	- 11,376	296,684	289,025	+ 7,659	- 15,334	+ 3,701
<b>British Territory</b>	69,953	74,762	- 4,809	64,069	59,849	+ 3,610	+ 5,884	+ 14,913
Ajmer Merwara	2,316	722	+ 1,594	4	1,652	- 1,648	+ 2,312	- 930
Andmans and Nicobars	..	2	- 2	34	95	- 61	- 34	- 93
Assam	2	25	- 23	262	332	- 70	- 260	- 307
Baluchistan	7	25	- 18	71	244	- 173	- 64	- 219
Bengal	260	325	- 65	1,581	1,788	- 207	- 1,321	- 1,463
Bihar and Orissa	102	95	+ 7	184	1,246	- 1,062	- 82	- 1,151
Bombay	4,050	3,206	+ 844	2,080	1,217	+ 863	+ 1,970	+ 1,989
Burma	4	4	-	90	129	- 39	- 86	- 125
Central Provinces and Berar	9,013	8,073	+ 940	8,806	2,519	+ 6,287	+ 207	+ 5,554
Delhi	662	722	- 60	1,651	1,451	+ 194	- 989	- 735
Madras and Coorg	85	52	+ 33		15	- 15	+ 85	+ 37
North-West Frontier Provinces.	144	107	- 163	156		+ 156	- 12	+ 307
Punjab	2,576	2,183	+ 393	1,560	1,573	- 13	+ 1,016	+ 610
United Provinces	50,383	59,021	- 8,638	47,385	47,582	- 197	+ 3,098	+ 11,439
Manpur (Central India)	349		+ 349	305		+ 305		...
<b>Indian States</b>	209,637	217,903	- 8,266	232,615	229,176	+ 3,744	- 22,978	- 11,273
Baroda	492	579	- 8	491	377	+ 114	+ 1	+ 202
Bombay States	520	629	- 109	122	390	- 268	+ 399	+ 239
Central India Agency States	130,984	137,917	- 6,584	184,017	174,753	+ 10,169	- 53,633	- 36,836
Hyderabad	232	242	- 10	717	316	+ 401	- 485	- 74
Kashmir	39	34	+ 5	22	23	- 1	+ 17	+ 11
Mysore	31	70	- 39	6	13	- 13	+ 5	+ 57
Punjab States	320	365	- 45		220	- 220	+ 320	+ 145
Rajputana States	76,450	78,063	- 1,583	46,601	53,045	- 6,444	+ 29,879	+ 25,018
Travancore		4	- 4	1	21	- 20	- 1	- 17
United Provinces States	539		+ 539	18	18	-	+ 521	- 18
<b>Other Places</b>	1,760	61	- 1,699			-	+ 1,760	+ 61
India Unspecified	1,743		+ 1,743		-	-	+ 1,743	-
French Settlement	1		+ 1		-	-	+ 1	-
Portuguese Settlement	16	61	- 45		-	-	+ 16	+ 61

NOTE.—The totals in columns 8 and 9 are exclusive of the gain by immigration from countries outside India

## CHAPTER IV

### AGE

#### 1 Introductory

General.

49 In the foregoing chapters discussion has, in the main, been confined to the geographical distribution of the population we now pass on to an examination of the texture of that vast mass. With the object of throwing all possible light on this aspect of the question, the bare census totals, not only of the State and its Natural and Administrative Divisions but also of the various sections of its population, have been so expressed in statistical form as to exhibit the characteristic differences in regard to ages, sex proportions, castes and religious beliefs, marital conditions literacy languages spoken etc., etc. The present chapter deals with the statistics of age, but its scope is limited to a consideration of the main conclusions which may be drawn from the figures on the subjects of the length of life, the fertility of the people and the changes in their age distribution. Age in relation to sex, marriage, literacy and infirmities is discussed in the chapters on those subjects.

Statistics.

50 The statistics, we are here concerned with are contained in Imperial Table VII, which gives the age distribution of the total population and of the adherents of each religion in the State as a whole and in each district. Similar information for a number of selected castes is given in Table VIII. At the end of this chapter are ten Subsidiary Tables. Of these, the first seven have been deduced from Imperial Tables VII and VIII and the remaining three have been compiled from the statistics of births and deaths as recorded by the Medical Department.

Instructions to Enumerators.

51 At previous censuses, the form of enquiry on the Census Schedule was that of asking the age last birthday. On the present occasion this was amended by asking the age nearest birthday. If this was not known with accuracy as it was not by a vast majority of the population, the age as given to the enumerator was accepted and entered. But, if the answer given was manifestly absurd, the enumerator was instructed to use his discretion and to try and fix the age with reference to some well-known occurrence. The age of infants under six months old was entered as zero and of those born between the 1st of January and the 28th of February was entered as double zero. The latter is an innovation and the reason for introducing it is that the record of ages is practically completed in the course of the preliminary enumeration and that no allowance is made for the period which intervenes between the preliminary census and the actual census night. The result is that the group representing those aged six months or less comprises the survivors of the births that have taken place during the eight months immediately preceding the actual census. This error affects the entire age return, but its effect is prominent only in respect of the earliest age-group,

since at any subsequent age the gain by transfer from a higher age will tend to be offset by a similar compensating transfer to the age next below. With the object of minimizing, as far as possible, the effect of this error I have tried to ascertain (1) the number of the survivors of the births occurring between the 1st January 1931, and the census day and (2) the number of deaths occurring in the same period among children aged 0-1. If we deducted the former figure (i. e., the number aged double zero) from the total of the group 0-1 and added to the result the latter figure, we should get approximately the population aged 0-1, as it stood on the 1st January, 1931. It is obvious that the figure so obtained would be nearer the mark than the one comprising all the children who were anything from one day to 14 months old on the census day. This is a point on which I shall have more to say when I come to deal with the ages of childhood.

In some provinces, an attempt has been made to reduce the incidence of the above-mentioned error by requiring the enumerators to enter the ages as they would be on the census night. Such perfection was, I regret, beyond attainment in our case.

## II Factors Influencing Age Distribution

52. The age distribution is perhaps the most important division of a population. In normal circumstances, this distribution is in the main governed by the forces of birth, death and migration. The last being a negligible factor in our case, the age distribution of the Gwalior population is nothing more than a distribution resulting from the effects of the two biological forces of birth and death operating jointly over practically the whole of the preceding century. The population ranges from age 0 to ages beyond 90, so that the numbers in the various age categories in 1931 represent the survivors of the births that have occurred between 1831 and the date of the present census. Thus it is the variations in the numbers born in successive years and the subsequent range and variability of the mortality rate for each age-group, that are the ultimate determinants of the present age distribution.

(1) Births and Deaths

Prof. Karl Pearson, adopting the "Vision of Mirza" conception, has painted a vivid picture illustrating the influence of the lethal forces of Nature on human mortality. According to him, there are five groups of diseases, those of infancy, childhood, youth, middle age and old age. These he typifies as five Deaths shooting with different weapons and with different degrees of precision at the procession of human beings crossing the Bridge of Life. The first Death is a marksman of deadly aim. He takes a large toll, smashing the lives of the born as well as those of the unborn with the bones of their ancestors. The second Death, which shoots at childhood, is less destructive. His extremely concentrated fire enables us to pass it by without appalling loss. The third and the fourth marksmen, who shoot at youth and middle age, play less accurate weapons and are not very destructive. The last Death is a supreme Destroyer. While aiming at old age he sometimes hits youth. None escapes his fire. There is, according to Pearson, in the case of each of the five periods of life a perfectly



regular distribution of the chances of death. His own comments on the point are significant. He says —

"Artistically we no longer think of Death as striking chaotically we regard his aim as perfectly regular in the main if unpredictable in the individual instance. It is no longer the Dance of Death which pictures for us Death carrying off indiscriminately the old and the young the rich and the poor, the toiler and the idler the babe and its grandsire. We see something quite different, the cohort of a thousand tiny mites starting across the Bridge of Life and growing in stature as they advance till at the far end of the bridge we see only the grey beard and the lean and slippered pantaloon. As they pass along the causeway the throng is more and more thinned, five Deaths are posted at different stages of the route alongside the bridge and with different skewness of aim and different weapons of precision they fire at the human target till none remains to reach the end of the causeway—the limit of life."

Famines and  
epidemics.

53. This fanciful conception of Pearson's needs a little amplification before it can be made to depict the special features of the Indian age conditions. In this country two more menaces to life—famines and epidemic diseases—super-impose their influence on the population through the medium of births and deaths. These scourges, to expand Pearson's metaphor keep loitering about the Bridge of Life and from time to time *strikes chaotically* at a considerable range of ages, often depleting certain selected batches of the population, as they progress over the successive stages of their journey from infancy to old age. During the past decennia, the heavy mortality and the dramatic variations in the birth rate, associated with famines and pestilence have upset so completely the broad orderliness of the age distribution of the population that, in spite of the proverbial inaccuracy of the Indian age returns, it is even to this day possible to trace to some extent the aftermath of these visitations.

Famine, it is well known reduces births and affects persons at the extremes of life more than persons in middle age and men more than women. With the last point I need not now deal, as discussion of it will be more in place in the chapter on Sex. With regard to the first and second points, I cannot do better than quote the following passage from the India Census Report of 1901:—

"When a tract is afflicted by famine the mortality rises in a greater or less degree according to the severity and duration of the calamity and the effectiveness of the measures taken to mitigate it. All sections of the population however are not equally affected, the very old and the very young suffer most, while those in the prime of life sustain only a comparatively small diminution in their numbers.

"Consequently at the close of the famine the population consists of an unusually small proportion of children and old persons and of a very large proportion of persons in the prime of life, i. e., at the reproductive ages. For some years, therefore, in the absence of any fresh calamity the growth of the population is very rapid. The number of persons capable of adding to

the population not having been affected, the actual number of births is very little less than before the famine, but the proportion calculated on the diminished population is much greater and so too is the excess of births over deaths, as the latter are much below the average in a population consisting of an unusually large proportion of healthy persons in their prime, and a comparatively small proportion of persons who by reason of old age, or infirmity have a relatively short expectation of life. This more rapid rate of growth continues for some time, but then the persons, who, at the time of the famine, were in their prime, pass into old age and their place is taken by the generation born shortly before the famine with its numbers greatly reduced by the mortality which then occurred, the birth rate falls not only below that of the years following the famine, but also below the average. The disturbance of normal conditions is still not ended and the pendulum continues to swing backwards and forwards between periods of high and low birth rate, but its oscillations gradually become fainter until they cease from natural causes to be apparent or, as more often happens, until some fresh calamity obliterates them."

These remarks find illustration in the marginal table. The figures are very striking. It will be seen that the 1899 famine left a prominent scar on the age group 0-5 in 1901, which can be traced right through the table in

Year	NUMBER PER 10,000 MALES AGED				age group 10-15 in 1911, 20-25 in 1921 and in age 30-35 in 1931. So also, is the reactional recovery from this famine shown through age-groups 0-5 in 1911, 10-15 in 1921 and 20-25 in 1931.
	0-5	10-15	20-25	30-35	
1901	967 (a)	1,323	988	995	
1911	1,402 (b)	995 (a)	959	963	
1921	1,167	1,250 (b)	780 (a)	925	
1931	1,369	1,253	993 (b)	782 (a)	

The effect of plague is the exact opposite. The 1911 figures demonstrate that plague showed selection in the case of adult ages only and left unaffected the youngest age group. The following figures also bring out this selection —

VARIATION BY AGE-PERIODS			
Age groups	1901 to 1911	1911 to 1921	1921 to 1931
0-10	+30.80	+7.50	+9.60
10-15	-12.89	+30.03	+16.90
15-40	-1.30	-6.12	+17.64
40-60	+5.02	+15.2	-1.67
60 and over	+14.19	+18.05	-1.11
General Rate of Variation	+5.87	+3.01	+10.31

The effects of the influenza epidemic, which occurred just before the census of 1911 are best seen in the figures for that year in the above table. As a killing agent, influenza fell with the greatest severity on the reproductive ages (15-40) which declined by 6.12 per cent. It showed no selection of the ages 0-5 yet the low birth rate which came immediately after the epidemic as a result of the decimation of potential parents, has helped to deplete the earliest age-group. This is quite clear from Subsidiary Table I.

7) Misstatements of Age.

54. Apart from the abnormal disturbances caused by famines and epidemics, there are certain tendencies towards erroneous returns, which vitiate the record of ages. The special errors to which an Indian age return is peculiarly liable have been frequently discussed in previous Census Reports and it is unnecessary on this occasion to do more than recapitulate the main sources of incorrectness. In the first place, the majority of the people do not know their precise age, and can only state it approximately. Such persons have a great tendency to return their ages at some exact multiple of 5 and especially at even multiples of 5 that is to say at ages which end in zero. Owing to this tendency there is a far more pronounced clustering of numbers at ages ending with nought than at other ages. This heaping of the population at the 'round number' ages has been a common experience in the past and will recur so long as there exists an appreciable number of people, who are in real ignorance of their true age.

Then there are certain colloquial expressions such as *de fis*, *dus pand rak*, *sis pockkur* etc., which accentuate the tendency to fix on certain favourite numbers.

A third cause of inaccuracy in the age return is the tendency of old persons when uncertain of their exact age, to exaggeration. In consequence of this tendency very little reliance should be placed on the quinquennial or even the decennial totals after 60 and it is much safer to make one single group in which all persons of 60 years and over shall be included.

There remains yet another form of inaccuracy which differs from those mentioned above in being of a wilful character. Many persons, and notably bachelors, widowers, and unmarried girls, desirous of being thought to be younger than they really are, frequently understate their age while the age of girl mothers is often exaggerated. Also, in cases, where children have come in quick succession, the parents generally avoid throwing the fact into relief by exaggerating the difference in the ages of their little ones. This form of misstatement, more than anything else, accounts for the excessive accumulation at the age 2-3 and a corresponding depletion of the immediately preceding age category. This is a well known phenomenon in the age returns of almost all the provinces, and so it is not unreasonable to attribute its presence to deliberate choice rather than to mere caprice or ignorance.

Such, then, are the causes that affect the age distribution of the people. The irregularities resulting from erroneous statement of age being constant, do not affect the comparison in most cases. But the disturbances caused by famine and pestilence have left on our age tables definite scars. The influence of time has been to reduce the prominence of these excrescences, but they still persist, and are bound to come up again and again at all future censuses, though at correspondingly later ages, until the whole of the existing population has passed away.

### III. Adjustment of Age-groups

55 As already stated, an examination of the census results discloses abnormal accumulations at ages, which are multiples of 5. It is also equally clear that these accumulations are drawn from both sides of these ages and in the main from the ages immediately adjacent on either side. To cite only one instance, the results of the present census showed that 116,624 persons had given their ages as 10, whilst only 64,821 gave 9 and only 50,256 gave 11. It is clear that under ordinary circumstances the number of persons aged 10 should not differ materially from the number aged 9 or 11. These facts suggest that the figures for any single age-period derived by direct abstraction from the enumeration books cannot give a correct estimate of the numbers living at that year of life. A more correct estimate can be made by taking the numbers returned for longer periods of life and by associating within each of these the age at which accumulations appear with those ages from which such accumulations have been drawn. This, in brief, is the plan that has been followed in constructing Imperial Table VII. The method by which the ages in the quinary groups shown in that table have been adjusted may briefly be described as follows:—

The population has, in the first instance, been classified in 3 and 7 year age-groups alternately. Ages ending in zero were placed in the centre of a 7 year group and those ending in 5, such as 5, 15, 25, etc., in the centre of a 3 year-group. Thus 4-6 is one group, 7-13 the next, followed by 14-16 and so on. In order to present the figures in groups of 5, as are shown in the Tables, half the population in each group is added to half the population in the two adjacent groups. The result of this adjustment is that those who are shown in the Tables as say 10-15 are really half of those returned as 7 to 13 years old plus half of those returned as 14, 15 and 16 years old, the other halves of these groups going to the 5 year groups of 5-10 and 15-20 respectively. The series thus obtained presents a greater regularity and is much closer to the truth than any previous record.

### IV. The Age Distribution of the Population.

56 Before dealing with the results of the present census, it is

Age period	Persons according to 1921 method	Persons according to 1931 method	DIFFERENCE		necessary to explain that the changes introduced in the method of recording, grouping and smoothing the age returns have rendered impracticable a close comparison of the final quinary groups in Table VII of the present Report with the corresponding groups of the previous censuses. For instance, 9,305 persons out of a population of 100,000 shown in 1921 as living at the age-group 30-35 would, as adjusted for this census, become 8,201 or approx-
			Actual	Per cent	
0-5	12,522	12,786	+264	+2.11	
5-10	15,652	15,929	+277	+1.77	
10-15	11,837	12,406	+569	+4.86	
15-20	9,258	9,271	+13	+0.14	
20-25	9,057	9,351	+294	+3.13	
25-30	7,824	8,649	+825	+10.54	
30-35	9,505	8,201	-1,304	-13.82	
35-40	7,186	7,184	-2	-0.03	
40-45	6,563	5,927	-636	-9.69	
45-50	3,393	3,302	-91	-2.68	
50-55	2,929	2,808	-121	-4.13	
55-60	1,558	1,764	+206	+13.22	
60-65	1,562	1,349	-213	-13.64	
65-70	473	419	-54	-11.42	
70 and over	671	654	-17	-2.53	
TOTAL ..	1,00,000	1,00,000	.	.	

ximately 14 per cent less than the figure for 1921. The marginal statement shows these divergencies in detail. It also indicates the extent to which comparison has been prejudiced by the change of method.

A more accurate view of the age distribution of the population and of the changes that have taken place therein from 1901 onwards can be obtained by classifying the figures for the various censuses into age-groups wider than those exhibited in the Tables. This has been done in the tables that follow.

*Adult Age*.—The first important division in the ages of a population is that which distinguishes the numbers under 20 years of age from those aged 20 years and over. The following table summarizes this information.

ADULT POPULATION 1931.

Districts.	MALES AGED 20 YEARS AND UPWARDS		FEMALES AGED 20 YEARS AND UPWARDS		PERSONS AGED 20 YEARS AND UPWARDS	
	Number	Per mille of total males of all ages.	Number.	Per mille of total females of all ages.	Number.	Per mille of total persons of all ages.
Gwailor State —	851,718	509	829,607	501	1,781,325	506
Gird —	108,146	546	86,637	519	194,783	534
Bhind —	118,579	520	98,071	516	216,650	518
Tonwarghar —	102,170	499	83,296	505	185,466	502
Sheopur —	36,692	503	31,611	493	68,303	498
Narwar —	104,373	493	94,261	496	198,634	493
Isargarh —	100,852	482	95,184	477	202,036	490
Bhims —	60,543	492	54,119	482	114,662	487
Ujjain —	111,563	528	99,490	511	211,053	520
Mandana —	71,110	507	65,699	491	136,809	503
Shajapur —	94,038	537	84,550	522	158,588	530
Amjhera —	37,632	468	36,689	461	74,321	461

Gird shows the highest proportion of adult males, Shajapur that of adult females, while Amjhera shows the lowest proportion of such males and females.

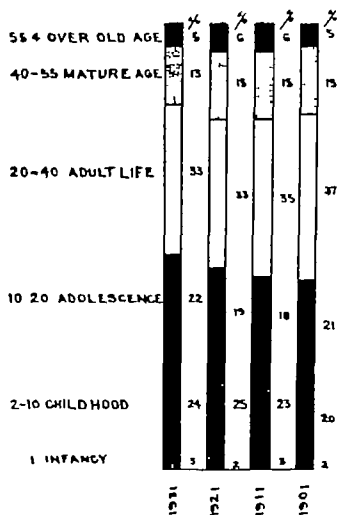
The following table shows similar results for the State as a whole for each of the censuses from 1901 to 1931.

Year of Census.	MALES AGED 20 YEARS AND OVER.		FEMALES AGED 20 YEARS AND OVER.		PERSONS AGED 20 YEARS AND OVER.	
	Number	Per mille of total males of all ages.	Number	Per mille of total females of all ages.	Number	Per mille of persons of all ages.
1901	830,977	541	873,532	627	1,704,499	582
1911 —	900,690	553	840,696	571	1,741,386	561
1921 —	899,262	530	806,480	538	1,705,742	533
1931 —	931,718	509	829,607	501	1,781,325	506



# PERCENTAGE AGE DISTRIBUTION

1901 TO 1931



The results given above are striking. The proportion of adults in the population was the highest in 1901. This was because owing to the famine of 1899, children were in considerable defect at that census. To the same cause is to be attributed the abnormally high proportion of adult females in 1901. A comparison of this figure with that of the males for the same census shows that famine had killed off proportionately more adult males than females.

57. The diagram opposite exhibits a classification of the population into Natural Age-Periods. For our present purpose, these periods have been taken as follows.—

Natural Age-Periods

Infancy (ages 0-1), Childhood (ages 2-9 inclusive), Adolescence (ages 10-19 inclusive), Early Adult Life (ages 20-39 inclusive), Mature Age (ages 40-54 inclusive) and Old Age (ages 55 and over).

Classified in this manner, the adjusted particulars for the various censuses 1901 to 1931 are as follows —

#### POPULATION OF THE GWALIOR STATE, 1901-1931.

##### MALES

Age Near est Birth- day	Period of Life	Census of 1901	Census of 1911	Census of 1921	Census of 1931
0—1	Infancy	27,064	50,484	38,322	56,593
2—9	Childhood	317,301	369,866	411,504	438,138
10—19	Adolescence	361,321	309,076	347,422	420,582
20—39	Early Adult Life	545,987	572,655	544,335	615,650
40—54	Mature Age	212,852	243,948	256,987	239,819
55 & over	Old Age	72,138	84,087	97,940	96,249
	TOTAL	1,536,663	1,630,116	1,696,510	1,867,031

##### FEMALES

0—1	Infancy	19,299	48,593	33,644	55,048
2—9	Childhood	258,103	344,331	390,580	407,776
10—19	Adolescence	242,034	238,137	268,262	363,608
20—39	Early Adult Life	553,510	522,868	484,034	531,267
40—54	Mature Age	228,455	227,211	221,889	201,513
55 & over	Old Age	91,557	90,617	100,557	96,527
	TOTAL	1,532,958	1,471,756	1,498,866	1,656,029



The proportion per mille of the total population, included in each of the natural age groups shown in the above table is as follows:—

PROPORTION PER MILLE OF THE GWALIOR STATE POPULATION  
OF EACH SEX IN EACH NATURAL AGE-GROUP 1901-1931

Age-group	Period of Life	MALES				FEMALES			
		1901	1911	1921	1931	1901	1911	1921	1931
0-1	Infancy ...	18	31	23	30	14	33	22	33
2-9	Childhood ...	207	227	242	235	185	234	261	246
10-19	Adolescence ...	235	190	205	225	174	162	179	220
20-39	Early Adult Life	355	351	321	330	397	355	323	321
40-54	Mature Age ...	138	150	151	128	164	154	148	122
55 & over	Old Age ...	47	51	58	52	66	62	67	58
	TOTAL ...	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000

The figures bring out clearly the effects of the famine of 1899 and the influenza epidemic of 1918-19. The former is seen in the diminished proportions in 1901 of children aged 0-1 and of males aged 55 and over and the latter in the decreases in the group 20-39 in 1921 and in the groups 2-9 and 40-54 in 1931. The variations due to these causes are more marked in the case of females than in that of males. The proportion of females in the group 10-19 is the largest at this census, and therefore, given normal conditions, a very large increase in the population should be expected at the next census.

The following table furnishes the proportion per mille for males in the several districts of the State for the census of 1931.

PROPORTION PER MILLE (MALES)

Age Next Birthday	Period of Life	DISTRICTS						
		Gird	Bhind	Tonwar-ga	Sheo-pur	Nar-war	Im-garh	
0-1	Infancy ...	26	33	31	31	28	29	
2-9	Childhood ...	207	230	237	249	245	248	
10-19	Adolescence ...	221	218	233	217	234	240	
20-39	Early Adult Life	364	333	321	340	334	317	
40-54	Mature Age	134	135	126	122	121	122	
55 and over	Old Age ...	48	53	52	41	38	44	
	TOTAL ...	1 000	1 000	1 000	1 000	1 000	1 000	

		Bhind	Ujjal	Mand-maur	Sheo-pa	Am-jhara	Gwa-lior State
0-1	Infancy ...	33	31	30	31	33	38
2-9	Childhood ...	243	225	236	221	275	235
10-19	Adolescence ...	232	216	227	211	224	225
20-39	Early Adult Life	333	335	314	321	301	330
40-54	Mature Age	120	131	137	138	121	128
55 and over	Old Age ...	40	62	56	78	46	52
	TOTAL ...	1 000	1 000	1 000	1 000	1 000	1 000

Corresponding details for females are given in the succeeding table  
PROPORTION PER MILL (FEMALES)

Age Nearest Birthday	Period of Life	DISTRICTS					
		Gird	Bhind	Tonwar garh	Sheo- pur	Nar- war	Isar- garh
0-1	Infancy	33	34	34	33	30	32
2-9	Childhood	231	240	245	259	254	262
10-19	Adolescence	217	210	216	215	220	230
20-39	Early Adult Life	328	329	321	338	332	311
40-54	Mature Age	131	121	121	111	120	111
55 and over	Old Age	60	66	63	44	44	54
TOTAL		1 000	1 000	1,000	1,000	1,000	1,000

Age Nearest Birthday	Period of Life	DISTRICTS					
		Bhilai	Ujjain	Mand- saur	Shaja- pur	Am- ber	Gwa- lior State
0-1	Infancy	36	34	33	34	33	33
2-9	Childhood	254	234	243	234	277	246
10-19	Adolescence	228	221	225	210	229	220
20-39	Early Adult Life	325	318	301	323	300	321
40-54	Mature Age	106	127	140	130	110	122
55 and over	Old Age	51	66	58	69	51	58
TOTAL		1 000	1 000	1 000	1 000	1,000	1,000

It will be seen that the proportion of male and female children is the largest in the Amhera district. This points to the fact that the Bhils who form the bulk of the population of this district are the youngest community. Bhilsa shows the lowest proportion of persons of mature age. This is probably due to influenza, which fell with the greatest severity on this district.

*Supporting Age*—An interesting view of the age distribution of the State may be obtained by grouping its male population in relation to its bread-winning capacities. According to this classification, the first group embraces those up to and including 14 years as Dependents, the second group includes the Supporting Ages 15-54 inclusive and the Old Age group covers all 55 years and over. Details for the State as a whole and for the various districts of the State, as at the date of the census, are as follows—

## THE GWALIOR STATE POPULATION

## NUMBER

Age Nearest Birthday	Period of Life	DISTRICTS					
		Gird	Bhind	Tonwar garh	Sheo- pur	Narwar	Isargarh
0-14	Dependent Age	69,263	87,836	81,935	29,763	85,298	91,882
15-54	Supporting Age	119,257	128,248	112,138	40,166	118,153	120,043
55 & over	Old Age	9,415	12,130	10,686	2,991	8,104	9,631
TOTAL		197,935	228,214	204,759	72,920	211,555	221,556

Age Nearest Birthday	Period of Life	DISTRICTS					
		Bhilai	Ujjain	Mand- saur	Shajapur	Amber	Gwalior State
0-14	Dependent Age	47,795	78,472	51,735	61,583	35,112	728,642
15-54	Supporting Age	68,375	119,755	77,716	9,664	41,544	1,042,146
55 & over	Old Age	4,913	13,617	7,885	15,725	3,735	96,246
TOTAL		121,083	211,844	137,336	87,072	80,391	1,867,034

## PERCENTAGES

Age Near- est Birth- day	Period of Life	DISTRICTS					
		Gird	Bhind	Tonwar- ghar	Sheepur	Narwar	Imgarh
0-14	Dependent Age	34.99	38.49	40.01	40.81	40.32	41.47
15-54	Supporting Age	60.25	56.20	54.77	55.08	55.85	54.18
55 & over	Old Age	4.76	5.31	5.22	4.11	3.83	4.35
	TOTAL	100.00	100.00	100.00	100.00	100.00	100.00

		Bhilai	Ujjain	Mand- mar	Shajapur	Amjhera	Gwalior State
0-14	Dependent Age	40.46	37.14	39.00	36.89	43.67	39.03
15-54	Supporting Age	55.55	56.70	55.38	55.26	51.69	55.82
55 & over	Old Age	5.99	6.16	5.62	7.85	4.64	5.15
	TOTAL	100.00	100.00	100.00	100.00	100.00	100.00

Amongst the districts, the proportion of supporting age is 60.25 per cent in the case of Gird and the lowest 51.69 in the case of Amjhera. Similarly for dependent age, the highest proportion is 43.67 per cent in Amjhera and the lowest 34.99 in Gird, while for old age Shajapur is highest with 7.85 per cent and Narwar lowest with 3.83 per cent. Similar particulars for the State as a whole for the last four censuses are furnished in the next table.

## THE GWALIOR STATE POPULATION 1901-1931

## MALES

Age Nearest Birth-day	Period of Life	NUMBER			
		Census of 1901	Census of 1911	Census of 1921	Census of 1931
0-14	Dependent Age	547,870	582,621	662,000	728,642
15-54	Supporting Age	916,535	963,408	936,570	1,042,140
55 & over	Old Age	72,138	84,087	97,940	96,249
	TOTAL	1,536,543	1,630,116	1,696,510	1,867,031

		PERCENTAGES			
0-14	Dependent Age	35.65	35.74	39.02	39.03
15-54	Supporting Age	59.65	59.10	55.21	55.82
55 & over	Old Age	4.70	5.16	5.77	5.15
	TOTAL	100.00	100.00	100.00	100.00

During the thirty years from 1901 to 1931 the proportion per cent of the male population in the dependent age-period has increased by 3.38 per cent, that for old age by 45 while the proportion of supporting age has decreased by 3.83 per cent. The variations in the case of old age are unimportant. The smart decline in the case of supporting age after 1911 is due to the eccentric rise in the proportion for dependent age in 1921 and in 1931.

The following table, which gives the combined figures for both the sexes, illustrates how widely the age constitution of the Gwalior population, from this particular point of view, differs from that of the various European countries :—

Country	PROPORTION PER MILLE TO TOTAL OF			Age un known	Number of workers per 100 Dependants
	Supporting Age	Dependent Age			
	Aged 15—60	Children 0—14	Old Age 60 & Over		
1	2	3	4	5	6
Gwalior State 19 31	572	394	34		134
England&Wales 1921	629	277	94	.	170
United States of America 1920	606	318	75	1	154
Germany 1925	650	258	92	...	186
Denmark 1921	583	311	103½	3	140
Scotland 1921	612	295	93	...	158
Franco 1926	636	224	138	2	175
Italy 1921	580	311	104	5	138
Australia 1921	608	317	75		155

The figures are striking, but they do not exhibit the contrasts clearly enough. In our case, the proportion of workers is much lower and that of dependants considerably higher than what the figures indicate. We must slice off from the former group a large chunk, representing the high caste women and the vast mass of our mendicant population. All these have a minus value and must be transferred to the category of dependants. When full allowance is made for these non-productive elements it becomes at once apparent that the supporting powers of the people are altogether inadequate to sustain the burden of their ever-increasing families. The situation revealed by these comparative figures is extremely discouraging. To the worker it means a more intense poverty with its consequences of increasing exploitation and lower standards of living. To the family it means an increase of female and child labour with their inevitable results—ignorance, illiteracy, inefficiency and general cultural retardation. It is then a pertinent question to ask whether the working population carrying on its enfeebled shoulders the crushing burden of its tremendous progeny can ever reach a high degree of social and economic efficiency, so long as the potential fecundity of the people ranges between 50 and 60 per 1,000 annually.

With reference to the function of child-bearing, the female population may be divided into three groups of Immature, Reproductive and Senile. These groups are physiologically controlled by age and their limits, though not clearly defined, may for all practical purposes be taken as 0-14 for the Immature, 15-44 for the Reproductive and 45 onwards for the

Child-bearing  
Age

Statistics. Details for the State as a whole and for the various districts, as at the date of the census, are as follows :—

## GWALIOR STATE FEMALE POPULATION

## NUMBER

Age Near- est Birth- day	Period of Life	Gird	Bind	Too- war- ghar	Sheopur	Narwar	Imgarh
0—14	Immature	62,874	73,575	65,768	26,660	76,944	84,194
15—44	Reproductive	80,971	90,317	77,272	30,750	92,174	92,375
45 & over	Sterile	23,026	26,118	21,849	6,699	20,933	23,166
TOTAL—		166,871	190,010	164,889	64,109	190,031	199,735

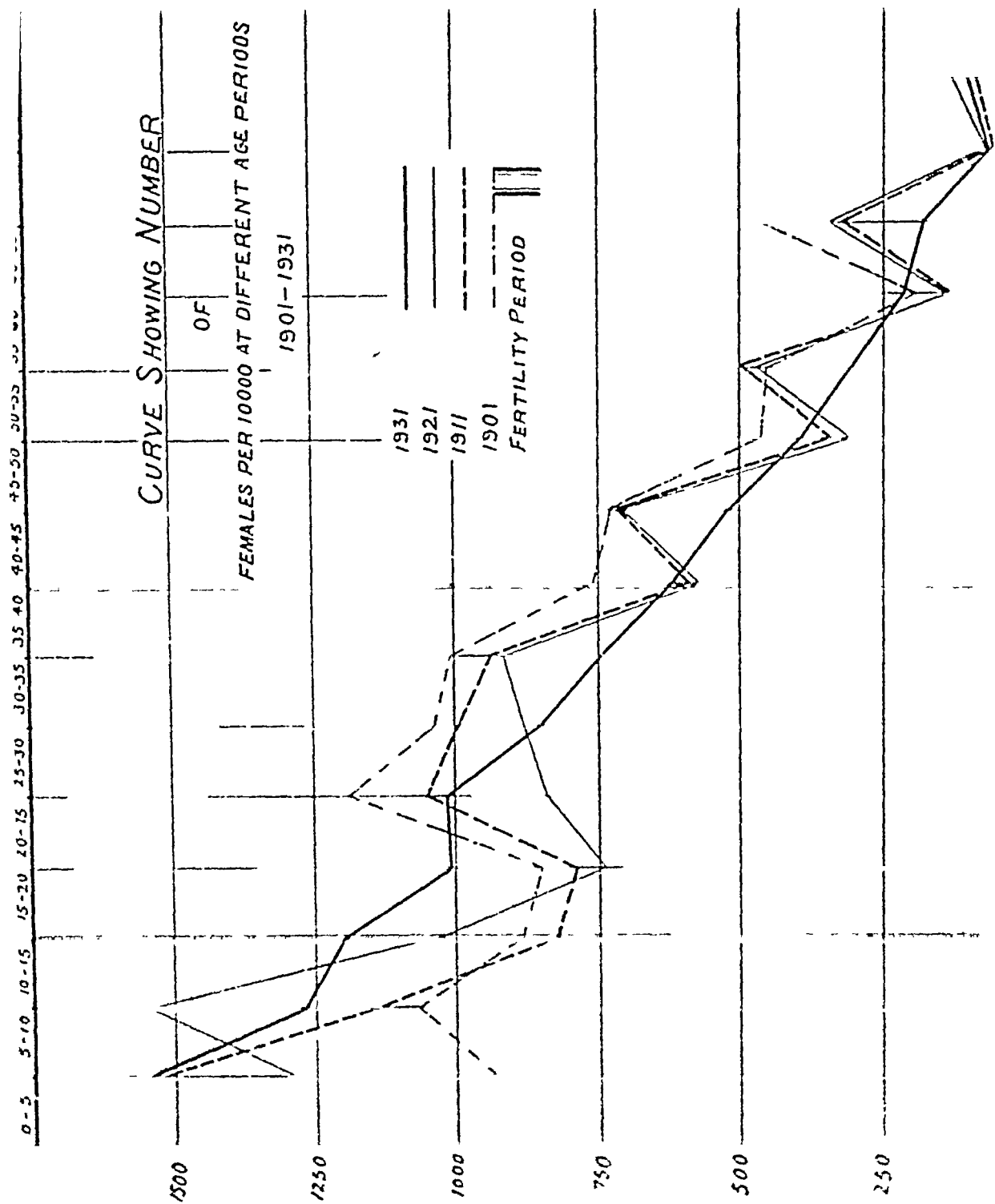
		Bhilai	Ujjain	Mandmar	Shajapur	Amjhera	Gwalior State
0—14	Immature	45,923	73,066	52,248	61,831	33,037	660,120
15—44	Reproductive	53,743	92,401	61,091	76,870	35,799	783,763
45 & over	Sterile	12,536	27,200	18,494	23,294	8,819	212,184
TOTAL—		112,204	194,667	131,833	161,995	79,655	1,656,029

## PERCENTAGES

Age Near- est Birth- day	Period of Life	Gird	Bind	Too- war- ghar	Sheopur	Narwar	Imgarh
0—14	Immature	37.68	38.72	39.89	41.59	40.48	42.15
15—44	Reproductive	48.52	47.53	46.86	47.96	48.50	46.74
45 & over	Sterile	13.80	13.75	13.25	10.45	11.02	11.61
TOTAL—		100.00	100.00	100.00	100.00	100.00	100.00

		Bhilai	Ujjain	Mandmar	Shajapur	Amjhera	Gwalior State
0—14	Immature	40.93	38.57	39.63	38.17	43.99	39.66
15—44	Reproductive	47.90	47.46	46.34	47.43	44.94	47.23
45 & over	Sterile	11.17	13.97	14.03	14.38	11.07	13.61
TOTAL—		100.00	100.00	100.00	100.00	100.00	100.00

Amongst the districts, the highest proportion at reproductive ages is 48.52 per cent in Gird and the lowest 44.94 per cent in Amjhera. The immature are relatively most numerous in Amjhera (43.99 per cent) and least numerous (37.68 per cent) in Gird, while for the sterile age the highest proportion is 14.38 in Shajapur and the lowest 10.45 in Sheopur. Since the population in the Amjhera district has increased by 17.2 per cent, the abnormally low proportion of the females in the reproductive age-period points to the excessive fecundity of the population residing in the tract.





Similar particulars for the State as a whole for the last four censuses are given in the next table

## FEMALE POPULATION, 1901-31

Age Nearest Birthday	Period of Life	NUMBER			
		Census of 1901	Census of 1911	Census of 1921	Census of 1931
0-14	Immature	400,598	515,222	581,102	660,120
15-44	Reproductive	900,803	743,019	701,088	783,765
45 & over	Sterile	91,557	213,517	216,776	212,154
	TOTAL	1,392,958	1,471,758	1,498,966	1,656,039

Age Nearest Birthday	Period of Life	PERCENTAGES			
		Census of 1901	Census of 1911	Census of 1921	Census of 1931
0-14	Immature	28.76	35.01	38.77	39.86
15-44	Reproductive	64.67	50.48	46.77	47.33
45 & over	Sterile	6.57	14.51	14.46	12.81
	TOTAL	100.00	100.00	100.00	100.00

The results given above show that there have been abrupt changes in all the three groups since 1901. These are due to the disturbances caused by the famine of 1899 and the influenza epidemic of 1918-19.

*Infantile Ages*—It remains to consider the discrepancies at infantile ages already referred to in paras 51 and 52 above. Normally there should be more children under one year of age than in the second year of life, more in the second year than in the third and more in the third than in the fourth. It has, however, been found that there is absolutely no regularity of sequence in the return for these ages. The following are the figures for the last three censuses—

Age		NUMBER IN		
		1911	1921	1931
0-1	.	99,077	71,966	111,611
1-2	...	72,020	61,358	97,046
2-3	.	91,973	77,779	99,993
3-4	.	97,567	88,237	101,288
4-5	.	91,785	96,766	92,046

The points to be noticed are—

- (1) There is an abnormal difference between the number of those aged 0-1 and those who have entered the second year of life, and
- (2) The second year group contains fewer children than the third and fourth year groups, and the third year contains fewer than the fourth year group.

These eccentric deviations are due to errors. To take the 0-1 group first. The figures in this group are very much inflated. This inflation, as has already been pointed out, is due to the fact that to the actual numbers aged 0-1 on the 1st January, 1931, have been superadded the survivors of births that had taken place between the 1st January, 1931, and the census day. It has been ascertained by means of special enquiry made at this census that the number of such survivors was 8,004 and the number of



deaths among children aged 0-1 during the period of their survival was 474. By deducting the former figure from the total returned as aged 0-1 (111,641) and adding to the result the latter we get 103,211. Substituting this for the total shown against group 0-1 in Imperial Table VII and taking the figures for the group 1-2 as they stand we find that the former works out at 2.93 per cent and the latter 2.75 per cent of the total population. The corresponding percentages for the countries of Europe, according to the calculations made by G. H. Knibbs, are 2.46 and 2.43 respectively.\*

Passing on to the rest of the annual age-periods the irregularities at and around ages beyond 2 are for the most part due to deliberate error. Owing to the obloquy incurred by females to whom children have come in disordered haste, there is a strong inclination to overstate the age of all the children except the last. This error pulls in one direction only and is moreover so extensive that its effects are seen in increasing accumulations at all annual age-periods beyond 2. The effect of the other factors such as ignorance, ambiguity of nomenclature, etc., appears to be relatively small.

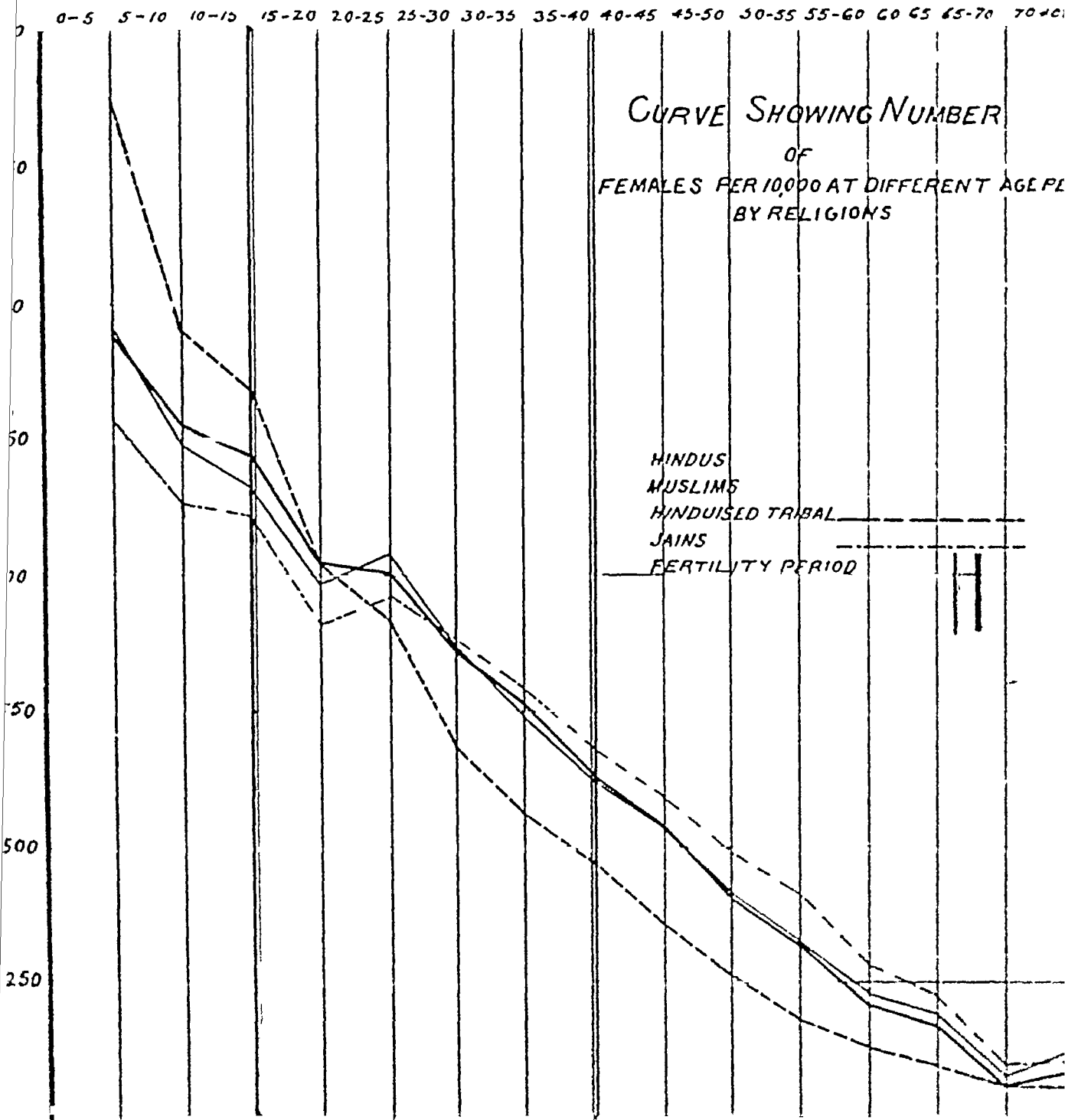
58. Subsidiary Table II exhibits the age distribution of 10,000 of each sex in each of the main religions. The table below summarises the principal figures for the four main religions, i.e. Hindu, Muslim, Jain and Hindused Tribal. As would be expected in a State where more than nine-tenths of the population are Hindu, the age distribution among them corresponds fairly closely to that in the total population.

Natural Age Group	Period of Life	PROPORTION PER 1,000 IN				
		Hind	Hindused Tribal	Muslim	Jain	All Religions
0-1	Infancy	32	36	31	29	30
2-9	Childhood	240	257	239	213	235
10-19	Adolescence	213	232	216	203	225
20-39	Early Adult Life	326	279	326	331	330
40-54	Mature Age	125	110	125	150	128
55 & over	Old Age	54	46	63	74	52

In the earliest age group 0-1 there is practically nothing to choose between the different religions: only the Hindused Tribal show a somewhat higher figure. The latter have a large proportion in all the early age categories, but are short lived, losing many at 40-54 and 55 and over. On the contrary Jains are less fertile, but live to a greater age. In point of longevity the Muslims surpass the Hindus.

59. Subsidiary Table III shows the age distribution of each sex for some of the most important castes and tribes in the State. The figures are in accord with the experience of the previous censuses. It will be seen that castes lower in the social scale tend to show high proportions in the lower age-periods, while longevity is the privilege of castes, which rank highest in the Hindu social system.

Another significant feature brought out by the figures is that among the prolific classes the proportion of boys is much smaller than that of girls.





## 60 The age distribution of the population of the two cities of the

Age Distribu-  
tion in Cities

Age-Group	Period of Life	Lashkar City	Ujjain City	Gwalior State
0 1	Infancy	28	25	30
2 9	Childhood	195	199	235
10 19	Adolescence	206	222	225
20 39	Early Adult life	354	350	330
40 54	Mature Age	145	133	128
55 and over	Old Age	72	71	52
	<b>TOTAL</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>

State is shown in the margin. It differs materially from the age distribution of the State as a whole. The characteristic features are the deficiency in the age periods up to the age of 20 and the excess at later periods.

The conditioning influences behind this phenomenon are various. The most obvious of them are a low birth rate and a large immigrant population in adult ages.

## V. The Fecundity of the Population

61. Subsidiary Tables V and VA supply materials for estimating the present capabilities of the people to increase in comparison with their position in previous censuses. The proportion of children under 10 per 100 persons and per 100 married females aged 15-40 has decreased in each Natural Division since the last census. Under ordinary circumstances, this result might easily be taken as an indication of a decrease in the fertility of marriage during the decade. Such an inference would, however, be entirely incorrect. The fact is that the fall in the ratio of children at this census is more apparent than real. Here again, the influenza epidemic is the controlling factor in the situation. What makes this ratio appear comparatively low on the present occasion is the abnormal rise in the corresponding ratio for 1921 resulting from the depletion of the adult age categories. The point to notice is this. The proportion of married females aged 15-40 per 100 females for all ages was the lowest at the census of 1921 and yet the existing population aged 0-10, which represents the major portion of the reproductive contribution of that stricken group of female population, has shown an increase of 9.6 per cent on the corresponding figures for 1921. We have, therefore, good reasons for assuming that the reproductive power of the population has increased considerably since the last census.

Variation.

62. The proportion of children to the number of married female aged 15-40 is highest in the Hilly Division, then follows Northern Plateau, then the Plain and last of all the Southern Plateau. In the Northern Plateau, the population is not advancing very rapidly and the large proportion of children seems therefore to be due to a great extent to the comparatively short duration of life enjoyed by the people of that part of the State. This is evidenced by the fact that the proportion of persons of over 55 to the total population is the lowest in the Narwar district. Also, in the Jangir district that proportion is well below the State average. In the Southern Plateau Division, on the other hand, in spite of the low proportion of children, the population has grown by more than the State average. It may, therefore, be concluded that the people in this tract enjoy a longer

Relative Fecun-  
dity in Different  
Natural Divi-  
sions

span of life than those in many other parts of the State. Three out of the four of its component districts show a very high proportion of old persons.

Relative Fecundity of Different Religions.

63. Turning to the proportion of children among different religions, we find that it is highest among the Hinduised Tribes and lowest among the Jains, while the Hindus and the Muslims occupy the middle place. In point of longevity the Muslims excel the Hindus and the Jains surpass them all. The Hinduised Tribes are short-lived, and, although they are very prolific, the high proportion of children among them is due in part to the fact that there are fewer old people amongst them. It may here be pointed out that while there is little doubt as to the comparatively short lives enjoyed by these people, the extraordinarily low proportion of old people among them seems, to some extent, to be also due to understate-ment of age. A large majority of them cannot count beyond 20 and age sits so lightly upon these sturdy people that it is a matter of some difficulty for the shrewdest of observers to pick from out the remaining age-field a figure, that shall be nearest the truth.

Relative Fecundity of Different Castes.

64. Subsidiary Table IV gives the relative fecundity by castes. It is unnecessary to discuss the figures at length. Enough, I think, has already been said in the foregoing paragraphs to make it plain that the higher castes are not replacing themselves to the extent to which the lower strata of society are doing.

This may safely be accepted as a planet-wide phenomenon. People of sub-normal mentality must breed like parasites, or they perish. There is nothing surprising about this. Nature moves in a mysterious way Her wonders to perform. To Her the preservation of the species is a point of such imperious necessity that She seeks to secure it at all hazards by immensely overloading the fecundity of the classes, which are the greatest losers through disease and want.

Mean Age.

65. The mean age is not what is known as the expectation of life at age 0 but is the average past life-time of the population at a given moment. On the other hand, the expectation of life at age 0 is the average future life-time of all persons born. In a growing population, with a large excess of young persons, the mean age of the living will be less than in a decadent one, where children are relatively few. Variations in the mean age as calculated in Subsidiary Tables I and II, can be brought about by a change either in the proportion of births or in the rate of mortality. On the present occasion, the variations seem to be due to the former factor.

It is unnecessary to dwell at length on this subject, for the difference in the methods of calculation and of recording and smoothing of ages renders all comparison with previous figures unprofitable. Generally it may be said that the mean age of the population has slightly decreased since the last census. It has also decreased in all the Divisions except the Southern Plateau, where the mean age of the males only has increased by 1.68. Taking the figures for the main religions, the Hinduised Tribes show the lowest mean age and the Jains the highest. This is due to the presence

of a high proportion of young persons in the former, and the comparatively low proportion in the latter religion

#### Birth and Death Rates

66 Subsidiary Tables VII, VIII and X contain statistics of reported birth and death rates. The figures, as I have already pointed out in Chapter I, are altogether unreliable, and it would be a waste of time to discuss them. One general observation may, however, be made. There is little doubt that among us the birth and death rates are much higher than what the reported figures indicate. The former is high, not only because births are numerous, but also because the survival value of the population, more particularly of the infant population, is relatively low. In interpreting birth rates, which are generally estimated by the number of births per thousand of the population, we must take into account the effect of mortality. If people live longer, there is naturally a large number of them alive at any given time. Thus, if each family always produced the same number of children, the relative number of births per thousand would decrease, as the number of people alive at any given time increased. Therefore, with the same degree of fecundity, a community with a decreasing mortality would show a decreasing birth rate, were we to measure birth rates by the method usually employed.

The broad result is perfectly clear and outstanding. In India, the low survival value of the population is also a contributory to the magnitude of the birth rate. In western countries the case is entirely different. The birth rates in these countries are steadily declining, but at the same time the death rates are going down more rapidly still. The result is that while the net survivorship goes on increasing on the one hand, the calculated crude birth rate goes on steadily declining on the other.

SUBSIDIARY TABLE I.

Age Distribution of 10,000 of each Sex in Gwallior State

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
Gwallior State								
0—1	303	332	226	224	310	330	171	139
1—2	259	294	180	205	220	246	187	163
2—3	263	308	14	243	274	321	214	225
3—4	271	306	252	304	294	337	176	186
4—5	273	291	293	314	304	286	219	216
Total 0—5	1 369	1,531	1 165	1 290	1,402	1,520	967	931
5—10	1,281	1,265	1 486	1,540	1 176	1,149	1,269	1,061
10—15	1,253	1 191	1,251	1 047	995	831	1,323	884
15—20	998	1,004	798	743	900	787	1,047	853
20—25	993	1 013	780	872	959	1,041	988	1,183
25—30	873	851	863	876	980	996	957	1,034
30—35	782	732	925	913	963	939	993	1 003
35—40	651	613	640	568	613	577	613	733
40—45	549	520	728	705	698	709	678	728
45—50	421	394	346	303	351	338	306	461
50—55	315	304	441	472	448	497	406	450
55—60	207	221	137	136	146	141	151	191
60—65	162	187	256	352	236	318		
65—70	62	71	64	66	58	63	318	467
70 and over	84	103	120	157	75	94		
Mean Age	25.43	25.24	24.63	24.76	24.52	24.44	24.33	26.09
Plal								
0—5	1,317	1,511	1,092	1,228	1,140	1,261	1 047	1,093
5—10	1,258	1,234	1,383	1 438	1 148	1,194	1,266	1,281
10—15	1 243	1 161	1,209	958	1 161	858	1,210	978
15—20	988	979	843	796	993	927	1,004	913
20—40	3,390	3,276	3,357	3,308	3,471	3,435	3,365	3 462
40—60	1,507	1 460	1,697	1,663	1 695	1 788	1,746	1,766
60 and over	297	379	439	609	392	537	362	499
Mean Ag	24.77	24.76	26.09	26.32	26.16	27.17	26.01	26.97

SUBSIDIARY TABLE I.—(contd.)

## Age Distribution of 10,000 of each Sex in Gwalior State

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
<b>Northern Plateau</b>								
0—5	1,399	1,558	1,230	1,360	1,532	1,706	974	545
5—10	1,352	1,330	1,626	1,721	1,257	1,207	1,365	476
10—15	1,339	1,245	1,342	1,051	1,020	837	1,655	431
15—20	1,032	1,006	805	764	880	794	1,135	523
20—40	3,253	3,212	3,137	3,132	3,456	3,450	3,516	5,260
40—60	1,390	1,351	1,485	1,490	1,514	1,565	1,079	2,312
60 and over	235	298	375	482	341	441	276	453
Mean Age.	23.72	23.80	24.52	25.10	25.05	25.84	23.19	32.50
<b>Southern Plateau</b>								
0—5	1,369	1,506	1,176	1,272	1,603	1,658	864	875
5—10	1,239	1,236	1,477	1,497	1,141	1,048	1,189	1,237
10—15	1,201	1,173	1,242	1,131	780	688	1,249	1,075
15—20	1,153	1,028	753	691	811	739	990	1,009
20—40	3,109	3,171	3,132	3,216	3,607	3,756	3,849	3,778
40—60	1,553	1,504	1,729	1,686	1,687	1,672	1,569	1,575
60 and over	376	382	491	507	371	439	290	451
Mean Age	24.79	24.74	23.11	26.18	26.29	26.86	26.90	26.57
<b>Hilly</b>								
0—5	1,657	1,721	1,395	1,555	1,673	1,691	905	1,995
5—10	1,420	1,383	1,712	1,725	1,263	1,241	1,350	620
10—15	1,290	1,295	1,187	1,046	927	795	1,258	1,022
15—20	951	996	702	642	808	772	953	896
20—40	3,010	2,998	3,076	3,223	3,509	3,574	3,720	3,522
40—60	1,404	1,296	1,538	1,355	1,525	1,523	1,551	1,754
60 and over	268	311	390	453	295	404	253	301
Mean Age	23.46	23.71	24.64	24.55	23.66	25.74	25.44	25.64



## SUBSIDIARY TABLE II.

Age Distribution of 10,000 of each Sex in Main Religions.

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
All Religions								
0-1	303	332	226	224	310	330	171	139
1-2	239	294	180	203	220	246	187	163
2-3	263	308	214	243	274	321	214	225
3-4	271	306	252	304	294	337	176	186
4-5	273	291	293	314	304	286	219	216
Total 0-5	1,369	1,531	1,165	1,290	1,402	1,520	967	931
5-10	1,281	1,265	1,486	1,340	1,176	1,149	1,269	1,061
10-15	1,253	1,191	1,251	1,047	995	831	1,323	884
15-20	998	1,004	798	743	900	797	1,027	853
20-25	993	1,013	780	872	959	1,041	988	1,183
25-30	873	851	863	876	980	996	937	1,034
30-35	782	732	925	913	963	939	995	1,003
35-40	651	613	640	568	613	577	615	753
40-45	549	520	728	703	696	709	678	728
45-50	421	394	346	308	351	338	306	462
50-55	315	304	441	472	448	497	406	450
55-60	207	221	137	136	146	141	151	191
60-65	162	187	256	332	236	318		
65-70	62	71	64	66	53	63	318	467
70 and over	84	103	120	137	75	94		
Mean Age	25.43	25.24	24.64	24.76	24.52	24.44	24.33	26.09
Standard								
0-1	304	332	225	223	308	330	173	130
1-2	239	293	181	203	221	245	191	160
2-3	263	308	210	236	274	322	212	218
3-4	272	305	246	296	293	335	170	170
4-5	274	290	291	306	306	285	217	204
Total 0-5	1,372	1,528	1,153	1,264	1,402	1,517	965	882

**SUBSIDIARY TABLE II.—(contd.)**  
**Age Distribution of 10,000 of each Sex in Main Religions.**

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
5—10	1,287	1,266	1,481	1,527	1,178	1,150	1,276	1,030
10—15	1,260	1,193	1,259	1,047	1,000	832	1,353	846
15—20	1,003	1,005	801	750	907	786	1,039	827
20—25	993	1,011	782	870	958	1,038	994	1,195
25—30	872	858	868	876	981	998	957	1,070
30—35	781	733	929	916	964	938	989	1,009
35—40	650	613	641	571	610	580	614	795
40—45	549	521	727	710	694	707	650	737
45—50	418	394	345	311	350	341	253	486
50—55	311	303	438	478	445	499	391	447
55—60	203	226	137	139	146	141	153	194
60—65	159	180	255	337	234	391		
65—70	59	69	64	67	57	52	326	482
70 and over	83	100	120	137	74	92		
Mean Age	23.38	21.19	24.67	24.92	24.53	25.11	24.25	27.28
Muslim								
0—1	291	340	223	235	294	312	191	191
1—2	260	305	168	210	195	227	159	206
2—3	266	317	220	251	256	301	239	258
3—4	273	318	235	298	279	352	181	228
4—5	269	299	247	289	259	292	190	242
Total 0—5	1,359	1,579	1,093	1,283	1,283	1,484	950	1,125
5—10	1,228	1,268	1,344	1,468	1,123	1,119	1,119	1,189
10—15	1,167	1,175	1,178	1,060	973	856	1,033	1,107
15—20	970	998	824	730	861	784	897	923
20—25	1,024	1,037	853	938	955	1,049	870	1,126
25—30	859	838	870	894	955	955	934	945
30—35	777	700	897	934	907	957	1,014	979
35—40	644	600	626	534	641	537	610	523

SUBSIDIARY TABLE II.—(contd.)  
Age Distribution of 10 000 of each Sex in Main Religions

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
40—45	549	500	743	731	795	757	945	766
45—50	436	374	366	269	366	300	469	266
50—55	337	294	328	487	505	511	537	505
55—60	236	222	144	129	163	135	166	107
60—65	191	195	312	333	275	328		
65—70	77	79	70	67	82	74	366	430
70 and over	116	141	152	173	105	144		
Mean Age	24.21	23.23	25.79	25.00	25.78	25.48	26.68	24.93
III. Hindu Tribes								
0—1	373	352	241	231	455	396	168	188
1—2	322	373	202	239	315	341	163	182
2—3	364	430	289	358	376	364	227	271
3—4	413	415	382	466	410	473	240	330
4—5	346	365	406	481	414	380	276	327
Total 0—5	1,820	1,935	1,520	1,775	1,970	1,954	1,074	1,298
5—10	1,438	1,465	1,863	1,893	1,333	1,274	1,377	1,300
10—15	1,331	1,355	1,218	1,018	826	693	1,287	1,109
15—20	973	985	678	613	737	816	1,050	1,080
20—25	920	913	606	800	862	1,147	989	1,132
25—30	677	701	761	864	1,026	1,093	966	718
30—35	622	616	906	899	1,099	913	1,020	972
35—40	607	520	652	544	612	509	569	496
40—45	497	460	734	595	619	623	754	584
45—50	259	364	297	203	264	261	200	352
50—55	270	260	366	353	356	355	360	421
55—60	193	175	94	77	79	105	192	216
60—65	150	133	215	233	163	212		
65—70	53	78	44	45	39	54	182	322
70 and over	90	40	74	88	35	41		
Mean Age	21.45	20.93	22.29	21.53	22.09	21.43	21.26	21.67

## SUBSIDIARY TABLE II.—(contd)

## Age Distribution of 10,000 of each Sex in Main Religions

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
Jain								
0—1	277	310	242	218	235	287	200	191
1—2	235	263	150	202	152	193	152	204
2—3	227	274	172	199	230	260	192	231
3—4	236	279	215	238	226	258	175	209
4—5	233	264	243	264	241	257	189	244
Total 0—5	1 208	1 390	1 022	1 121	1 134	1 255	908	1 079
5—10	1 112	1 154	1 146	1 266	1 029	1 109	967	1 070
10—15	1 133	1 092	1 169	1 109	1 014	853	1 095	997
15—20	918	922	818	907	879	841	881	913
20—25	929	1 008	875	985	935	1 048	1 081	1 058
25—30	864	888	928	842	931	899	906	899
30—35	821	769	836	770	930	901	1 022	918
35—40	699	648	684	595	684	633	703	602
40—45	614	577	706	690	705	781	785	856
45—50	519	460	499	354	471	402	470	380
50—55	429	373	516	524	548	551	561	538
55—60	299	294	270	214	250	202	225	204
60—65	228	224	285	372	296	325	395	426
65—70	112	94	104	84	100	87		
70 and over	115	107	142	167	94	110		
Mean Age	25.98	23.68	27.15	26.91	26.57	26.53	27.03	26.48
Christian								
0—1	202	363	284	372	367	70	89	56
1—2	200	276	142	236	31	352	289	22
2—3	270	280	161	186	77	387	119	152
3—4	372	446	227	359	285	352	149	194
4—5	301	380	217	321	245	247	357	262
Total 0—5	1 285	1 745	1 031	1 504	1 104	1 40	1 073	697
5—10	1 100	1 337	1 132	1 554	1 051	5 5	1 429	2 222

SUBSIDIARY TABLE II—(contd.)  
Age Distribution of 10,000 of each Sex in Main Religions.

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
10—15	996	1 188	359	1,182	614	634	1,339	2,527
15—20	710	1,155	1,966	524	675	1,056	1 051	850
20—25	810	990	2 240	1 014	1,012	1 479	506	479
25—30	895	661	1 068	1,081	1,196	1,373	655	479
30—35	1 013	727	803	963	1 012	669	1,577	1,133
35—40	777	597	606	676	1,012	599	298	310
40—45	710	446	407	456	644	528	527	153
45—50	473	314	359	203	767	317	357	588
50—55	405	347	227	405	215	423	863	218
55—60	338	213	66	169	153	71	208	109
60—65	254	115	66	84	399	352	387	303
65—70	68	66	65	101	31	35		
70 and over	68	79	85	84	215	70		
Mean Age	26'06	24'71	23'97	22'67	28'23	24'57	26'23	20'58
Others								
0—1	258	317	141	247	154	97	—	—
1—2	203	291	141	180	231	485	476	—
2—3	258	344	125	292	384	291	—	4,000
3—4	258	424	250	225	231	194	—	—
4—5	204	317	110	292	308	583	1 429	—
Total 0—5	1 181	1,693	767	1,236	1,368	1,650	1,905	4,000
5—10	1,125	767	986	1,168	1,518	1,942	476	—
10—15	1 070	924	489	1,056	1,308	1,068	1,429	—
15—20	664	1 164	704	674	692	680	952	—
20—25	941	900	1,064	966	615	1,165	—	—
25—30	849	924	1 127	1,011	1 000	1,068	1 429	4,000
30—35	886	900	1 486	1,034	1,538	583	952	—
35—40	775	655	908	852	692	777	476	—
40—45	738	424	704	584	462	291	476	—
45—50	498	424	469	270	231	194	1,429	—
50—55	535	450	329	562	385	97	476	2,000

## SUBSIDIARY TABLE II—(contd)

Age Distribution of 10,000 of each Sex in Main Religions.

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
55—60	351	344	266	90		97		
60—65	203	239	250	225	77	388		..
65—70	55	53	125	257				
70 and over	129	159	326	235	154			
Mean Age	26.81	25.08	29.69	26.51	22.55	20.43	27.76	22.8
PLAIN								
All Religions								
0—5	1,317	1,511	1,092	1,228	1,140	1,261	1,047	1,093
5—10	1,258	1,234	1,383	1,438	1,148	1,194	1,266	1,285
10—15	1,243	1,161	1,209	958	1,161	953	1,210	978
15—20	988	979	843	796	993	827	1,004	913
20—40	3,390	3,276	3,337	3,308	3,471	3,435	3,365	3,462
40—60	1,507	1,460	1,697	1,663	1,695	1,788	1,746	1,769
60 and over	297	379	439	609	392	537	362	499
Mean Age	24.77	24.76	25.45	25.86	26.16	27.17	26.01	26.97
Hindu								
0—5	1,322	1,511	1,089	1,217	1,143	1,260	1,039	1,078
5—10	1,264	1,238	1,386	1,434	1,152	1,196	1,285	1,261
10—15	1,250	1,165	1,214	953	1,167	962	1,237	956
15—20	987	976	846	799	1,000	829	1,017	903
20—40	3,386	3,274	3,336	3,313	3,465	3,439	3,363	3,501
40—60	1,499	1,461	1,693	1,673	1,683	1,783	1,677	1,793
60 and over	292	375	436	611	390	531	370	500
Mean Age	24.22	24.74	25.39	25.95	26.09	27.15	25.52	26.78
Muslim								
0—5	1,250	1,516	1,084	1,214	1,075	1,251	1,052	1,179
5—10	1,207	1,195	1,213	1,359	1,073	1,127	1,076	1,115
10—15	1,150	1,114	1,115	977	1,067	957	1,106	1,116
15—20	987	944	867	751	985	776	919	875

SUBSIDIARY TABLE II.—(contd.)  
Age Distribution of 10,000 of each Sex in Main Religions

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
20—40	3 436	3,301	3 452	3,359	3 619	3 409	3 136	3,362
40—60	1,593	1 408	1,510	1,683	1 880	1,892	2,683	1,699
60 and over	355	422	511	635	404	658	361	541
Mean Age	25 64	24 87	26 52	26 19	27 24	28 13	29 28	26 68
<b>Jain</b>								
0—5	1 128	1,449	914	1 072	1,018	1,249	960	1 198
5—10	1,082	1,136	1,073	1,335	949	1,212	919	1,028
10—15	1 122	1,045	1 145	1,287	1 212	1,056	978	909
15—20	929	946	901	1,014	908	799	807	974
20—40	3 426	3,366	3,527	2,852	3,246	3,156	3,768	3,378
40—60	1,844	1,624	1,872	1 703	2,090	2,003	2,173	1,958
60 and over	469	434	570	37	577	525	395	555
Mean Age	27 24	25 87	27 96	26 93	28 19	27 41	28 68	27 83
<b>Christian</b>								
0—5	881	1,522	1 154	1 358	692	1,088	1,047	1,347
5—10	566	1,232	812	926	629	748	1,613	985
10—15	440	652	385	494	629	748	1,152	1,354
15—20	692	1,232	812	452	944	1 157	785	466
20—40	3,836	2,971	3 675	4 197	4,025	3,878	2,880	3,575
40—60	2,893	1 884	2 521	2,099	2,138	1,565	1,989	1 451
60 and over	692	507	641	494	943	816	524	622
Mean Age	33 76	26 48	31 28	29 75	30 96	28 54	26 79	26 52
<b>Others</b>								
0—5	1,004	1 944	—	—	667	1,754	1,250	—
5—10	803	667	—	—	2,500	2 632	—	—
10—15	843	1 111	—	—	1 667	877	2,500	—
15—20	884	1,278	—	—	1 000	526	1,250	—
20—40	4 036	3,278	—	—	2,833	3,333	5,000	—
40—60	2,129	1 444	—	—	1 000	702	—	—
60 and over	281	278	—	—	333	176	—	—
Mean Age	25 51	23 52	—	—	21 82	20 84	20 50	—

## SUBSIDIARY TABLE II—(contd)

ge Distribution of 10,000 of each Sex in Main Religions

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
NORTHERN PLATEAU								
All Religions								
0—5	1,399	1,558	1,230	1,360	1,537	1,705	974	545
5—10	1,352	1,330	1,626	1,721	1,257	1,207	1,365	476
10—15	1,339	1,245	1,342	1,051	1,020	837	1,655	431
15—20	1,032	1,006	805	764	880	794	1,135	523
20—40	3,253	3,212	3,137	3,132	3,456	3,450	3,516	5,260
40—60	1,390	1,351	1,485	1,490	1,514	1,565	1,079	2,312
60 and over	235	298	375	482	341	441	276	453
Mean Age	25.72	25.8	24.52	25.10	25.05	25.84	23.19	32.50
Hindu								
0—5	1,402	1,560	1,223	1,330	1,528	1,709	964	391
5—10	1,358	1,333	1,626	1,721	1,258	1,206	1,346	357
10—15	1,344	1,250	1,354	1,051	1,026	838	1,725	307
15—20	1,031	1,009	809	769	882	791	1,154	483
20—40	3,249	3,210	3,147	3,126	3,459	3,449	3,518	5,592
40—60	1,352	1,347	1,465	1,518	1,509	1,565	972	2,403
60 and over	231	291	376	485	338	442	291	467
Mean Age	25.66	25.74	24.51	25.21	25.12	25.83	22.91	33.15
Muslim								
0—5	1,339	1,604	1,024	1,345	1,325	1,541	1,007	1,295
5—10	1,243	1,245	1,340	1,514	1,210	1,205	1,191	1,317
10—15	1,105	1,139	1,219	1,104	971	832	1,270	694
15—20	1,025	941	796	773	844	783	843	444
20—40	3,540	3,622	3,375	3,315	3,453	3,521	3,672	3,451
40—60	1,515	1,405	1,534	1,452	1,704	1,644	1,577	1,453
60 and over	241	241	452	571	444	441	276	453
Mean Age	24.7	24.5	24.86	24.67	24.77	24.27	23.77	24.6



SUBSIDIARY TABLE II.—(*contd.*)

Age Distribution of 10,000 of each Sex in Main Religions

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
<b>Jain</b>								
0—5	1,328	1,447	1,024	1,271	1,304	1,129	1,145	1,333
5—10	1,251	1,237	1,221	1,327	1,102	1,134	1,166	1,333
10—15	1,246	1,142	1,076	1,091	1,023	988	1,252	1,004
15—20	918	942	835	840	963	790	861	843
20—40	3,194	3,276	3,296	3,360	3,333	3,491	3,311	3,258
40—60	1,664	1,524	2,008	1,473	1,834	1,863	1,875	1,836
60 and over	399	412	480	638	441	605	390	493
Mean Age	25.51	25.78	27.50	25.23	26.65	27.92	26.55	26.79
<b>Christian</b>								
0—5	1,905	2,500	400	2,142	2,778	768	—	—
5—10	1,428	1,000	—	1,429	556	1,539	—	10,000
10—15	1,905	—	—	—	—	—	1,250	—
15—20	476	500	400	1,429	—	1,539	—	—
20—40	1,428	5,000	7,200	5,000	4,444	4,615	7,500	—
40—60	2,382	500	2,000	—	1,666	1,539	1,250	—
60 and over	476	500	—	—	556	—	—	—
Mean Age	25.34	24.54	32.09	25.50	23.79	25.83	34.00	10.05
<b>Others</b>								
0—5	1,805	1,765	—	—	1,429	1,429	4,285	4,000
5—10	1,579	1,029	—	—	713	—	1,429	—
10—15	1,579	1,029	—	—	1,429	—	1,429	—
15—20	526	1,029	—	—	1,429	—	—	—
20—40	2,707	2,942	—	—	3,571	5,713	—	4,000
40—60	1,578	1,471	—	—	1,429	1,429	2,857	2,000
60 and over	226	735	—	—	—	1,429	—	—
Mean Age	25.29	25.90	—	—	25.35	34.71	27.92	26.50

## SUBSIDIARY TABLE II.—(contd.)

Age Distribution of 10,000 of each Sex in Main Religions.

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
SOUTHERN PLATEAU								
All Religions								
0—5	1,369	1 506	1,176	1,272	1,603	1,658	864	875
5—10	1,239	1,236	1 477	1,497	1,141	1 048	1,189	1,237
10—15	1,201	1,173	1,242	1,131	780	688	1,249	1,075
15—20	1,153	1,028	753	691	811	739	990	1,009
20—40	3,109	3,171	3,132	3,216	3,607	3,756	3 849	3,778
40—60	1,553	1,504	1,729	1,686	1,687	1,672	1,569	1,575
60 and over	376	382	491	507	371	439	290	451
Mean Age	24.79	24.74	23.11	26.18	26.29	26.86	26.90	26.57
Hindu								
0—5	1,367	1,500	1,174	1,269	1,624	1,664	857	882
5—10	1,242	1,230	1,483	1,477	1,144	1,044	1,212	1,252
10—15	1,206	1,171	1,251	1,137	768	678	1,259	1,078
15—20	1,007	1 036	746	698	812	733	995	1,005
20—40	3,264	3,171	3,136	3,215	3,621	3,771	3,853	3,747
40—60	1,544	1,502	1,725	1,697	1 674	1 678	1 540	1,561
60 and over	370	390	485	507	357	432	284	475
Mean Age	24.93	24.58	26.07	26.22	26.20	26.89	24.26	26.58
Muslim								
0—5	1,422	1,597	1,130	1,300	1,412	1,602	955	946
5—10	1,251	1,310	1,410	1,527	1,115	1,035	1,152	1 243
10—15	1,175	1 205	1,177	1,085	922	842	1,159	1 077
15—20	941	971	826	698	840	797	873	856
20—40	3,240	3 090	3 102	3,027	3,363	3,590	3,757	3,613
40—60	1,545	1,383	1,744	1,675	1 611	1 603	1 745	1 517
60 and over	423	427	554	515	517	572	344	517
Mean Age	25.26	25.77	27.67	26.61	26.61	26.92	27.61	26.16

## SUBSIDIARY TABLE II.—(contd.)

Age Distribution of 10,000 of each Sex in Main Religions.

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
<b>Jain</b>								
0—5	1,237	1,330	1,093	1,086	1,102	1,321	785	836
5—10	1,071	1,122	1,119	1,206	1,031	1,019	905	1,071
10—15	1,090	1,102	1,199	1,037	901	673	1,090	1,042
15—20	898	694	776	885	827	894	927	940
20—40	3,284	3,301	3,214	3,262	3,688	3,657	3,841	3,661
40—60	1,966	1,823	2,054	1,971	1,970	1,942	2,045	2,004
60 and over	484	426	545	553	481	494	407	446
Mean Age	27.32	26.51	27.73	27.64	28.14	28.05	28.37	28.03
<b>Christian</b>								
0—5	1,554	1,808	1,875	1,478	1,389	1,730	1,085	239
5—10	1,286	1,384	1,528	1,739	1,319	1,250	1,318	2,709
10—15	1,165	1,406	1,250	1,217	694	500	1,628	3,426
15—20	728	1,161	903	348	417	833	1,550	1,193
20—40	3,471	2,857	3,194	4,000	4,375	4,500	2,713	1,514
40—60	1,526	1,183	1,111	1,044	1,458	1,084	1,473	837
60 and over	267	201	139	174	348	83	233	80
Mean Age	24.87	27.94	22.01	23.53	26.79	24.24	22.96	16.33
<b>Others</b>								
0—5	909	1,393	—	—	1,961	1,724	—	—
5—10	1,189	656	—	—	588	690	—	—
10—15	909	574	—	—	784	1,774	—	—
15—20	490	1,148	—	—	196	690	—	—
20—40	3,147	3,689	—	—	5,491	4,482	1,667	—
40—60	2,637	1,967	—	—	784	690	3,333	—
60 and over	699	573	—	—	196	—	5,000	—
Mean Age	30.87	28.58	—	—	25.58	22.22	57.91	—

## SUBSIDIARY TABLE II—(contd)

Age Distribution of 10 000 of each Sex in Main Religions

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
All Religions			HILIA					
0—5	1,657	1,721	1,395	1,555	1,693	1,691	905	1,495
5—10	1,420	1,383	1,712	1,726	1,243	1,741	1,350	620
10—15	1,290	1,295	1,187	1,046	977	795	1,158	1,022
15—20	951	996	702	642	808	777	953	886
20—40	3,010	2,998	3,076	3,224	3,509	3,574	3,770	3,522
40—60	1,404	1,296	1,538	1,351	1,525	1,523	1,451	1,654
60 and over	268	311	390	456	295	404	263	301
Mean Age ..	25.46	23.21	23.61	23.67	25.05	25.71	26.11	25.64
Hindu								
0—5	1,673	1,772	1,242	1,306	1,629	1,644	855	2,037
5—10	1,735	1,394	1,530	1,529	1,240	1,251	1,002	382
10—15	1,301	1,295	1,185	1,035	928	798	1,239	1,045
15—20	959	946	742	716	822	768	932	419
20—40	2,956	3,003	3,271	3,358	3,490	3,524	3,927	1,648
40—60	1,394	1,293	1,568	1,419	1,566	1,563	1,756	1,814
60 and over	261	207	442	557	316	432	159	253
Mean Age ..	25.37	25.19	25.57	25.69	25.29	25.61	26.79	25.69

## SUBSIDIARY TABLE II.—(contd.)

Age Distribution of 10 000 of each Sex in Main Religions.

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
<b>Hinduised Tribes</b>								
0—5	1 920	2,096	1,562	1,817	1 898	1 883	993	1,893
5—10	1,542	1,602	1,914	1 951	1,330	1,217	1,639	1,083
10—15	1,354	1,395	1 171	993	903	750	1,306	944
15—20	909	899	662	558	767	797	983	1,640
20—40	2,672	2 510	2,8 5	3 039	3,564	3 751	3,691	2,803
40—60	1,365	1,231	1 474	1,279	1,315	1,298	1 182	1,329
60 and over	238	267	342	363	203	304	202	307
Mean Age	20 95	20 77	23 69	23 37	23 97	24 69	23 31	23 93
<b>Jains</b>								
0—5	1 040	1 418	964	1 097	1,343	1 192	778	1,680
5—10	1,000	1,070	1,226	1 211	1 124	1,283	1 032	572
10—15	1 080	989	1 431	871	939	933	1,213	1,06 3
15—20	1 080	1 001	67	848	869	770	1 007	554
20—40	3,603	3,314	3,321	3 597	3 442	3,456	3 782	3,206
40—60	1,811	1 782	2,016	1 776	1 938	1,906	1,844	2,489
60 and over	346	426	370	600	325	458	322	436
Mean Age	26 66	26 06	26 92	27 39	26 82	27 30	26 93	27 01
<b>Christians</b>								
0—5	—	—	—	—	—	5,000	—	—
5—10	—	—	—	—	2,000	—	—	—
10—15	—	—	—	—	—	2,500	—	—
15—20	—	—	—	—	2,000	2,500	—	—
20—40	—	—	10,000	—	6 000	—	—	—
40—60	—	—	—	—	—	—	—	—
60 and over	—	—	—	—	—	—	—	—
Mean Age	—	—	30 50	—	22 50	10 50	—	—

## SUBSIDIARY TABLE II.—(concl'd.)

## Age Distribution of 10,000 of each Sex in Main Religions

Age	1931		1921		1911		1901	
	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9
Others								
0—5 ..			.		2,000	1,000		..
5—10					2,000	3,000		
10—15 .					2,000	1,000		
15—20						2,000		
20—40						2 000		
40—60					4 000	1 000	.	
60 and over .	..		.					
Mean Age	..				26.50	28.50		.

## SUBSIDIARY TABLE III.

Age Distribution of 10,000 of each Sex in certain Castes

Caste.	MALES NUMBER PER MILL. AGED						FEMALES NUMBER PER MILL. AGED					
	0-6	7-13	14-16	17-23	24-43	44 and over	0-6	7-13	14-16	17-23	24-43	44 and over
1	2	3	4	5	6	7	8	9	10	11	12	13
1 Ah	185	188	84	125	265	152	202	156	81	141	265	155
2 Balai	175	174	115	128	247	161	213	166	117	128	219	157
3 Bani	145	150	91	132	92	04	182	146	75	130	260	207
4 Beragi	179	153	89	115	287	182	186	174	90	146	235	149
5 Bhil	181	160	84	140	265	170	237	156	90	144	73	100
6 Bhil la	18	14	50	161	281	91	255	202	57	115	258	113
7 Brahmin (except Dakshi)	160	144	83	133	275	205	189	147	73	127	271	193
8 Dakshini Brahman	137	116	113	147	250	237	193	171	80	114	235	207
9 Chamar	190	169	95	131	269	146	225	174	77	117	240	147
10 Gaderia	170	166	88	140	279	157	245	181	78	122	237	137
11 G J	176	170	89	111	281	175	226	168	86	115	239	166
12 Kachhi	184	162	83	124	288	154	233	157	79	125	255	151
13 Kayastha	135	133	111	135	286	181	211	173	58	120	256	182
14 Kotar	184	180	103	135	75	135	214	162	82	154	232	136
15 Kol	171	155	96	137	265	178	213	172	76	142	255	142
16 Kumbhar	193	156	83	125	272	171	232	147	67	117	265	172
17 Lodhi	182	152	84	131	319	132	200	147	82	134	297	140
18 Maratha	132	133	82	179	293	181	179	157	58	104	270	212
19 Mina	164	167	96	131	289	153	222	198	70	132	243	135
20 Mirbh	176	185	80	120	289	150	244	186	81	123	229	157
21 Nai	167	162	82	129	290	170	202	144	83	131	268	170
22 Rajput Bhaduria	161	134	97	159	262	187	151	131	100	150	271	197
23 Rajput Chaudhary	145	138	91	149	159	218	141	141	78	142	251	237
24 Rajput Kachhi	118	127	75	141	320	218	155	158	92	166	256	171
25 Rajput Raghobani	193	171	73	126	287	150	225	137	91	135	255	157
26 Rajput Thakur	191	156	82	164	237	170	175	160	82	117	265	203
27 Saharia	211	203	77	126	271	100	266	190	90	140	225	89
28 Sonbhi	184	176	94	100	270	176	124	127	87	137	219	176
29 Teli	183	164	87	133	270	163	210	157	78	125	284	148

## SUBSIDIARY TABLE IV

Proportion of Children under 14 and of Persons over 43 to those aged 14-43, in certain Castes, also of Married Females aged 14-43 per 100 Females

Caste	Proportion of children of both sexes per 100		Proportion of persons over 43 per 100 aged 14-43		No. of married females aged 14-43 per 100 females of all ages
	Persons aged 14-43	Married females aged 14-43	Males	Females	
1	2	3	4	5	6
1. Ahir	76	199	60	68	39
2. Balai	76	190	64	68	39
3. Bania	61	180	72	98	37
4. Beragi	70	254	64	73	30
5. Bhil	74	165	55	54	45
6. Bhilala	86	235	39	49	36
7. Brahman (except Dalchini)	66	200	72	97	36
8. Dakshini Brahman	65	190	84	108	34
9. Chamar	79	207	80	91	37
10. Gadariya	80	218	56	70	35
11. Gujar	80	225	70	78	33
12. Kachhi	77	229	57	71	34
13. Kayastha	68	219	61	94	34
14. Khat	73	199	49	60	39
15. Koli	73	198	60	75	39
16. Kumbhar	79	204	68	80	34
17. Lodhi	66	170	48	57	42
18. Maratha	58	191	64	96	33
19. Mina	78	211	55	67	36
20. Mirdha	85	247	50	69	33
21. Nai	69	187	56	70	37
22. Rajput Bhilal	61	197	64	77	37
23. Rajput Chauhan	58	178	74	111	4
24. Rajput Kachhwaha	52	180	63	80	37
25. Rajput Kachhwaha	75	209	61	85	31
26. Rajput Tonwar	71	223	61	102	10
27. Sahasra	69	218	40	47	43
28. S. S. S.	64	208	74	77	34
29. Teli	70	170	40	46	40



## SUBSIDIARY

Proportion of Children under 10 and Persons over 50 to those

Natural Divisions and Districts.	PROPORTION OF CHILDREN UNDER 10 BOTH SEXES PER 100							
	Persons aged 15—40				Married F males aged 15—40			
	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9
<b>Gravelly State</b> —	64	69	60	45	162	179	182	132
<b>Natural Divisions</b>								
1. Plain ...	60	62	54	53	165	171	148	136
2. Northern Plateau	66	76	65	33	168	188	166	134
3. Southern Plateau.	63	71	64	45	157	180	151	149
4. Hilly ...	78	84	67	53	188	199	159	145
<b>Districts</b>								
1. Gird ...	55	56	50	50	149	152	136	139
2. Bhind ...	63	61	50	56	166	165	137	128
3. Tonwarghar ...	61	65	60	58	178	179	176	155
4. Bheopur ...	66	72	57	54	163	186	145	125
5. Narwar	64	76	66	28	162	197	158	143
6. Isagarh ...	68	76	65	42	176	199	174	129
7. Bhilai ...	65	70	73	53	163	181	165	153
8. Ujjain...	61	67	59	41	155	170	146	145
9. Mandawar ...	66	73	59	38	161	188	147	158
10. Shajapur ...	62	71	66	45	152	177	143	132
11. Amjhera. ...	78	84	67	53	188	199	159	145

TABLE V

aged 15-40, also of Married Females aged 15-40 per 100 Females

PROPORTION OF PERSONS OVER 50 PER 100 AGED 15-40								No. of married females aged 15-40 per 100 females of all ages			
1931		1921		1911		1901		1931	1921	1911	1901
Males	Females	Males	Females	Males	Females	Males	Females				
10	11	12	13	14	15	16	17	18	19	20	21
19	21	25	28	21	24	21	25	35	32	36	34
18	22	26	31	25	28	25	27	35	34	35	35
16	18	21	26	21	23	17	23	35	33	34	36
21	24	28	28	23	26	19	23	35	32	35	33
23	23	23	22	18	22	16	21	32	32	36	33
17	22	24	30	25	34	25	27	36	35	35	36
20	23	26	33	27	34	27	26	35	34	36	34
19	23	28	30	27	32	28	28	34	33	34	32
16	17	22	25	24	25	23	26	32	34	35	35
15	17	22	25	23	27	17	23	36	34	35	36
17	19	20	28	22	29	19	24	34	32	37	36
15	19	19	20	22	21	19	24	36	33	34	33
21	27	28	30	26	28	20	25	35	32	33	34
21	27	27	31	25	29	22	23	34	30	32	33
27	35	31	33	27	27	21	25	35	31	35	33
21	27	27	31	25	29	22	23	34	30	32	33

## SUBSIDIARY

Proportion of Children under 10 and of Persons  
and of Married Females

Natural Divisions.	PROPORTION OF CHILDREN UNDER 10 YEARS BOTH SEXES PER 100							
	Persons aged 15-40				Married females 15-40.			
	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9
<b>A. Gwalior State</b>								
1. All Religions	64	69	60	45	162	179	152	132
2. Hindu	63	69	59	45	164	178	151	133
3. Muslim	65	64	55	43	163	167	147	151
4. Jain	52	55	51	46	155	160	158	129
5. Animist	—	94	98	53	—	224	192	181
6. Christian	66	36	38	30	211	181	154	134
7. Others	55	9	552	48	200	177	153	133
<b>B. Natural Divisions</b>								
<b>I. Mal</b>								
1. All Religions	60	62	54	53	165	171	148	138
2. Hindu	61	62	54	53	165	166	148	139
3. Muslim	63	56	48	45	146	153	146	147
4. Jain	55	52	47	46	150	164	154	156
5. Animist	—	99	91	81	—	221	197	187
6. Christian	46	45	44	41	146	153	142	139
7. Others	—	—	54	55	—	—	149	147
<b>II. Northern Plateau</b>								
1. All Religions	66	76	65	33	168	196	166	134
2. Hindu	66	75	66	35	161	197	166	135
3. Muslim	64	63	57	32	168	173	163	135
4. Jain	63	59	56	31	167	176	147	141
5. Animist	—	63	61	41	—	225	205	188
6. Christian	93	21	13	14	340	100	125	105
7. Others	—	—	47	38	—	—	110	150
<b>III. Southern Plateau</b>								
1. All Religions	63	71	64	45	157	180	151	149
2. Hindu	63	69	61	45	155	178	147	149
3. Muslim	67	65	63	44	173	174	145	145
4. Jain	56	56	64	47	134	123	151	151
5. Animist	—	86	85	51	—	197	186	183
6. Christian	83	36	31	44	270	195	185	191
7. Others	—	—	39	42	—	—	162	—
<b>IV. Hillry</b>								
1. All Religions	78	84	67	53	188	199	159	145
2. Hindu	77	69	67	53	187	166	160	146
3. Muslim	69	72	68	55	170	—	153	147
4. Jain	50	53	56	54	144	148	145	143
5. Animist	—	53	51	50	—	233	218	209
6. Christian	—	—	93	—	—	—	154	—
7. Others	—	—	64	—	—	—	145	—

TABLE V A

over 60 to those aged 15-40 in certain Religions,  
aged 15-40 per 100 Females

PROPORTION OF PERSONS AGED 60 AND OVER PER 100 AGED 15-40								NUMBER OF MARRIED FEMALES AGED 15-40 TO 100 FEMALES OF ALL AGES			
1931		1921		1911		1901		1931	1921	1911	1901
Males	Females	Males	Females	Males	Females	Males	Females	1931	1921	1911	1901
10	11	12	13	14	15	16	17	18	19	20	21
7	8	11	13	9	11	7	10	35	32	36	34
7	8	10	13	9	12	8	11	35	32	36	35
9	11	12	15	9	11	7	8	35	33	35	34
10	11	12	15	9	11	7	8	33	30	34	33
		8	9	7	8	6	7		34	35	35
10	8	3	6	4	5	5	7	28	33	33	34
		11	12	9	9	8	8		33	33	33
7	9	10	14	9	12	8	11	35	34	35	35
7	9	10	14	9	12	8	11	34	34	34	35
9	11	13	16	9	13	9	10	36	34	34	34
11	11	13	18	10	15	9	12	33	29	31	32
		8	9	8	9	8	9		21	22	27
15	12	14	10	13	11	8	10	31	33	33	34
				10	12	8	11			34	31
7	8	9	13	7	11	7	9	35	33	34	36
6	7	9	13	8	11	7	9	35	31	35	36
8	11	11	15	8	11	7	9	34	32	34	35
10	10	11	15	7	11	7	9	34	29	33	34
		8	9	7	11	7	9		33	34	36
25	11					4	6	50	43	41	41
				7	11	7	9			43	43
8	9	12	13	8	9	7	10	35	32	35	33
9	10	12	13	8	9	7	10	35	31	34	34
10	10	13	14	8	9	7	10	34	32	34	33
11	11	14	14	8	9	7	10	33	31	30	30
		11	13	8	9	8	9		32	30	31
6	6	2	3	3	4	3	4	25	33	32	32
				6	9	7				34	
10	8	11	13	8	10	7	8	37	32	37	33
10	8	11	13	8	10	7	8	33	34	35	33
11	11			8	10	7	8	35	34	35	33
	10	9	14	8	10	7	8	34	33	34	33
		9	11	8	11	7	8		31	34	33
				3	4	4	4			37	

**SUBSIDIARY TABLE VI**  
**Variation in Population at certain Age Periods**

Natural Division	Period	VARIATION PER CENT IN POPULATION (INCREASE + DECREASE -)					
		All ages	0-10	10-15	15-40	40-60	60 & over
1	2	3	4	5	6	7	8
Gwalior State	1901-1910	+5.87	+30.80	-12.89	-1.30	+5.62	+14.19
Natural Divisions							
1. Plain		-5.09	-4.12	-8.07	-5.10	-6.12	+7.29
2. Northern Plateau		+10.72	+83.64	-3.51	-8.46	+2.09	+19.34
3. Southern Plateau		+15.93	+71.75	-26.73	+7.33	+23.04	+26.86
4. Hilly		+24.21	+49.74	-6.24	-18.46	+18.15	+53.99
Gwalior State	1911-1920	+3.01	+7.5	+30.03	-6.12	+1.32	+18.95
Natural Divisions							
1. Plain		-3.53	+4.45	-1.08	-8.49	-6.64	+8.55
2. Northern Plateau		+1.69	+5.79	+31.23	-7.12	-1.71	+11.23
3. Southern Plateau		+10.44	+9.74	+78.29	-5.41	+1.33	+35.91
4. Hilly		+15.98	+24.4	+47.94	+0.34	+8.25	+37.23
Gwalior State	1921-1930	+10.3	+8.6	+16.9	+17.64	-1.07	-24.11
Natural Divisions							
1. Plain		+10.7	+14.11	+21.34	+14.84	-2.16	-28.73
2. Northern Plateau		+9.17	+3.37	+17.35	+18.45	+0.69	-32.11
3. Southern Plateau		+10.24	+8.74	+10.24	+19.64	-1.55	-15.13
4. Hilly		+17.24	+15.47	+35.61	+22.04	+9.37	-19.36

**SUBSIDIARY TABLE VII**  
**Reported Birth rate by Sex and Natural Division**

Year	NUMBER OF BIRTHS PER 1,000 OF THE TOTAL POPULATION (CENSUS OF 1921)									
	Goshute State		Plain		Northern Plateau		Southern Plateau		Hilly	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9	10	11
1920-21	58	47	57	51	72	60	64	53	40	24
1921-22	58	47	49	43	71	61	77	61	37	24
1922-23	59	51	45	37	73	65	79	66	41	37
1923-24*										
1924-25	71	62	83	82	53	48	101	84	44	37
1925-26	116	109	135	127	162	151	100	92	76	65
1926-27	117	107	141	136	151	146	93	83	83	66
1927-28	137	132	139	136	207	201	107	98	97	92
1928-29	151	143	172	167	197	195	139	129	95	82
1929-30	129	138	161	171	106	168	142	117	110	78

**SUBSIDIARY TABLE VIII.**  
**Reported Death rate by Sex and Natural Division**

Year	NUMBER OF DEATHS PER 1,000 OF THE TOTAL POPULATION (CENSUS OF 1921)									
	Goshute State		Plain		Northern Plateau		Southern Plateau		Hilly	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9	10	11
1920-21	55	40	63	58	54	40	68	61	37	30
1921-22	47	43	48	47	45	46	61	55	33	28
1922-23	56	40	41	35	55	48	72	68	50	48
1923-24*										
1924-25	62	52	98	76	37	32	70	68	39	34
1925-26	68	76	147	66	68	81	62	72	66	55
1926-27	66	60	127	117	67	84	82	75	80	82
1927-28	104	80	158	96	142	116	84	79	98	80
1928-29	111	68	161	81	119	100	127	111	85	73
1929-30	118	107	140	115	108	140	100	110	107	104

\*Figures for 1923-24 are based on preliminary reports.

**SUBSIDIARY TABLE X.**  
**Reported Deaths from certain Diseases.**

YEAR	Gwalior State		ACTUAL NUMBER OF DEATHS RECORDED IN			
	Actual number of deaths	Ratio per mille of Population	Plain	Northern Plateau	Southern Plateau	Hilly
1	2	3	4	5	6	7
<b>Plague</b>						
1920-21	---	---	---	---	---	---
1921-22	---	---	---	---	---	---
1922-23	---	---	---	---	---	---
1923-24	---	---	---	---	---	---
1924-25	---	---	---	---	---	---
1925-26	---	3	2	---	1	---
1926-27	---	4	---	1	3	---
1927-28	---	16	3	13	---	---
1928-29	---	6	2	1	2	1
1929-30	---	12	7	1	3	1
<b>Cholera.</b>						
1920-21	---	---	---	---	---	---
1921-22	---	---	---	---	---	---
1922-23	---	---	---	---	---	---
1923-24	---	---	---	---	---	---
1924-25	---	---	---	---	---	---
1925-26	---	29	15	2	10	2
1926-27	---	533	290	33	10	---
1927-28	---	1 105	553	38	166	4
1928-29	---	2,379	519	1 487	373	---
1929-30	---	4,151	62	1,278	2,809	2
<b>Small pox</b>						
1920-21	---	---	---	---	---	---
1921-22	---	---	---	---	---	---
1922-23	---	---	---	---	---	---
1923-24	---	---	---	---	---	---
1924-25	---	---	---	---	---	---
1925-26	---	1,205	346	219	561	79
1926-27	---	578	73	117	346	42
1927-28	---	444	77	64	238	65
1928-29	---	531	240	64	223	4
1929-30	---	5 404	2,008	1,766	1 448	162
<b>Fever</b>						
1920-21	---	---	---	---	---	---
1921-22	---	---	---	---	---	---
1922-23	---	---	---	---	---	---
1923-24	---	---	---	---	---	---
1924-25	---	---	---	---	---	---
1925-26	---	6,849	25	1,608	2,108	191
1926-27	---	7,239	21	1,623	2 089	191
1927-28	---	7,536	22	2,489	1,976	268
1928-29	---	6,236	18	2,068	2,160	359
1929-30	---	8,855	25	3,204	3,204	424
<b>Other Diseases.</b>						
1920-21	---	---	---	---	---	---
1921-22	---	---	---	---	---	---
1922-23	---	---	---	---	---	---
1923-24	---	---	---	---	---	---
1924-25	---	---	---	---	---	---
1925-26	---	20 420	61	8,943	5,363	605
1926-27	---	24,235	72	10,506	5 437	994
1927-28	---	24,871	73	9 486	7 705	984
1928-29	---	23,259	67	8,059	6,204	816
1929-30	---	29,812	86	10,582	7,516	1,146

## CHAPTER V

### SEX

#### I. Introductory

67. The classification of a population according to sex is of fundamental importance. Serious differences between the number of males and females affect marriage, the increase of population and the economic condition of the community and the characteristics of sex distribution react on various social phenomena such as morality, disposition to disease, manifestation of vice, crime, etc.

General.

The main interest of the Indian sex record lies in the fact that it is in direct opposition to the European statistics of sex. In both cases more males than females are born. But whereas in Europe females everywhere outnumber males, in India generally males are in excess. In past years, arguing from the great difference in sex constitution between the populations of India and of Western Countries, certain critics have maintained that omission of females is the main cause of the deficiency of that sex in India. The census figures for other countries show that in all parts of the world, for which statistics are available, there is, as in India, an excess of males over females except in Europe. This being so, it would seem that India is not the exceptional country and that it is Western Europe where conditions are extraordinary.

68. The statistics of sex by districts for three censuses are contained in Imperial Table II. The distribution by sex for different ages and the main religions is shown in Imperial Table VII. From these two Tables and from Imperial Table VIII (Civil Condition by Age and Caste), the comparative and proportionate figures in Subsidiary Tables I to IV of this chapter have been prepared. Subsidiary Table V has been made from recorded vital statistics.

Reference to  
Statistics

69. There is no reason to doubt the general accuracy of the Gwalior figures. The enumerators were all men with intimate knowledge of the population resident in their blocks, and therefore wilful concealment of females would have been possible on any large scale. The figures for ex-communicated persons cannot pretend to accuracy.

Accuracy of  
Returns



Sex Proportions  
in Natural Divi-  
sions

71 It is not possible to discount the effects of migration on the divisional and district figures. Taking the actual population we see in Subsidiary Table I that all the Natural Divisions show an excess of males. The highest proportion of females is found in the Hilly Division—991 to 1 000 males. Then follows the Southern Plateau with 924, the Northern Plateau with 899 and the Plain a long way last with 852. The relative positions of these tracts have remained unchanged since 1921 only the Hilly Division stands much higher at this census.

Sex Proportions  
in Districts.

72. The following diagram shows the proportion of males and females in 1 000 persons of both sexes in each district and Subsidiary Table I shows the sex ratio at this and the three previous censuses.

SEX PROPORTIONS IN DISTRICTS  
1931  
(THE DOTTED LINE INDICATES EQUAL PROPORTIONS OF THE TWO SEXES)

		MALES				FEMALES		
	MALES PER 1000 PERSONS	200	400	600	800	FEMALES PER 1000 PERSONS		
GUJARAT STATE	630							470
GIRD	543							457
BHANS	546							454
TOUNWARGHAR	554							4
SHADPUR	531							469
MURWAR	526							474
ISAGARH	526							474
CHULSA	523							477
BLJAIN	53							489
MANDSARH	56							44
SAMAPUR	5							481
AMJHERA	802							498
		200	400	600	800			

It will be seen that there is a great deficiency of females in the Bhind and Tounwarghar districts. This is because the lower castes, which are invariably found with an excess of females, are in considerable minority in these districts. Here the Rajput and Brahman elements in the population are at their strongest and the excess of males is a marked characteristic of these castes. In the Shajapur and Isagarh districts the proportion of females shows a continuous decline since 1901. The result is entirely due to a progressive decline in the number of female immigrants. On the whole, it appears that the sex proportions reveal a marked deficiency of females in the northern districts and that a gradually increasing proportion is met with as one goes south, culminating in an approximate equality of the sexes in the southernmost district of Amjhera.

Sex Proportions  
by Religion.

73 Subsidiary Tables II and III enable us to compare the sex proportions in the various religions. Among the main religions the highest proportion of females is found among the Hinduised Primitive Tribes (972). Hindus come next with 888 then come Muslims with 868 and last of all Jains with 859. While the relative positions of these four religions in this respect have remained unchanged during the last



# SEX PROPORTIONS IN CERTAIN CASTES

1931

THE DOTTED LINE INDICATES EQUAL PROPORTIONS OF THE TWO SEXES

	MALES PER 1000 PERSONS	MALES		FEMALES		FEM PER 1000 PERSONS
		200	400	600	800	
ALL CASTS	530					470
AKIR	537					463
BALAI	501					499
BANIA	538					462
BERRA	536					464
BHIL	507					493
BHILALA	504					496
BRAMH	563					437
DAKSHIN	519					481
GRAMAR	51					489
GADARIY	518					482
GUJAR	509					491
KACHH	536					464
KAY ST	573					427
KIRAR	52					458
KOLI	545					455
KUMHAR	526					474
LOONI	533					461
MARATHA	533					467
MINA	52					488
MIRON	512					478
NA	531					469
RAJPUT BANWAR	511					489
RAJPUT CHOH	533					461
RAJPUT KACHH	584					416
RAJPUT RAGHUB	515					485
R PUT TONWAR	66					484
SANDEYA	506					494
SONOMYA	501					499
TELI	535					465
HINDUS	531					469
MUSLIMS	536					464



Sex Proportions  
at Different Age-  
Periods

75 Subsidiary Table II and the diagram below show the number of females per 1,000 males at each age upto 5 and thereafter by quinquennial

### SEX PROPORTION BY AGE PERIODS

1931						
(THE DOTTED LINE INDICATES EQUAL PROPORTIONS OF THE TWO SEXES)						
ALL AGE	MALES PER 1000		MALES	100	FEMALES	
	PER 1000	PER 1000			PER 1000	PER 1000
0-1	530	530				470
1-2	507	507				493
2-3	498	498				502
3-4	491	491				509
4-5	500	500				500
5-9	505	505				495
10-14	502	502				498
15-19	503	503				497
20-24	512	512				488
25-29	525	525				475
30-34	523	523				477
35-39	544	544				456
40-44	549	549				451
45-49	544	544				456
50-54	546	546				454
55-59	539	539				461
60-64	531	531				468
65-69	493	493				507
70-74	495	495				505
75+ OVER	485	485				515

periods. It is a well-known fact that all over the world more males are born than females. But this excess of males at birth is soon removed by the higher infantile death rate due to the greater delicacy of male children. This is why females are more numerous in the second and third years of life, a numerical supremacy which is so transient that it is wiped out in the succeeding years and becomes a large deficit till senility is reached. Neglect of female children so common in India begins to show its effects at the age of 4 and those that survive have still to run the gauntlet of early marriage and premature child bearing. This circumstance combined with the misstatement of age accounts for the eccentric fluctuations in the proportion of females of adult ages. These irregularities which have been a marked feature of the earlier censuses have partially disappeared on the present occasion owing to the introduction of radical changes in the method of adjustment of age figures. The reason for the preponderance of females at ages 60 and over is obvious. The female excess at this period of life is largely an excess of selected lives. Those who have attained age 60 represent the surviving resultant of a bitterly destructive process of elimination and therefore their prospects are for a longer old age than the males of the same age can look forward to.

Proportion of  
Sexes in the  
Districts.

76. The figures shown in the following table represent the excess of males or where the minus sign occurs the excess of females in an average 100 of the population of each group. Thus if the masculinity were represented

by 10 the femininity would be represented by  $-10$

## MASCULINITY OF POPULATION

(EXCESS OF MALES OVER FEMALES IN EACH 100 OF THE POPULATION)

Age last Birthday	DISTRICTS					
	Gird	Blind	Tonwar ghar	Shroapur	Narwar	Isargarh
All Ages	8.52	9.14	10.78	6.44	5.32	5.18
0-5	-2.60	3.82	5.34	1.52	0.62	-0.76
5-10	7.54	10.58	12.84	7.32	6.54	5.64
10-15	10.54	13.04	15.36	8.28	8.92	8.82
15-20	8.36	8.56	13.24	5.14	7.46	5.66
20-25	8.76	5.22	10.48	9.94	5.12	4.92
25-30	13.26	8.24	9.52	6.14	6.40	7.14
30-35	17.94	12.52	11.40	2.64	6.46	7.14
35-40	17.02	15.10	11.90	7.88	4.48	5.54
40-45	13.78	15.60	13.08	9.18	4.64	8.02
45-50	8.24	13.84	13.62	12.88	6.50	11.84
50-55	5.38	11.24	11.36	12.40	7.70	9.10
55-60	0.54	1.06	5.22	6.26	2.04	-2.44
60-65	-5.96	-2.32	-0.20	4.62	-1.92	-10.44
65-70	-0.40	-4.08	-1.02	-1.70	-8.54	-10.68
70 & over	-10.40	-4.66	-2.32	-2.88	-9.42	-0.34
Age last Birthday	DISTRICTS					
	Dhilsa	Ujjain	Mandla	Shajapur	Amber	Gwalior State
All Ages	4.62	4.08	3.12	3.86	0.18	5.98
0-5	-1.18	-0.24	-0.40	-1.58	-1.40	0.44
5-10	6.04	4.08	3.14	3.44	1.76	4.38
10-15	8.36	3.24	4.74	5.26	0.30	8.46
15-20	2.34	2.72	2.12	2.44	-1.82	5.76
20-25	1.14	4.44	3.04	0.26	-0.76	5.02
25-30	5.44	7.32	6.68	2.16	-0.08	7.26
30-35	7.84	9.60	6.04	6.94	2.12	9.22
35-40	10.94	6.66	4.88	6.58	2.26	8.96
40-45	12.70	5.64	3.04	4.54	1.96	8.72
45-50	10.98	6.78	0.84	7.74	8.16	9.14
50-55	7.14	4.32	1.78	8.76	6.74	7.72
55-60	-6.58	2.46	3.60	11.64	0.80	5.50
60-65	-12.52	-0.70	3.38	10.08	-2.06	-1.46
65-70	-3.22	0.60	4.50	12.20	-12.14	-1.04
70 & over	-4.52	-1.96	-7.24	7.00	-11.36	-3.10

It will be seen that the relative proportions of the sexes differ very considerably in the different districts. The contrast between the northern and the southern districts is remarkable. The figure long out indicates a correspondence between sex and rice. It seems that the Rajpoot and other higher caste, which have been recruited from Aryan sources, have a smaller proportion of females at birth than the Dravidians. Thus women are fewer in the Rajpoot districts of Bindu and Tonwarghar and the proportion of females increases as we go south from the area where the Rajpoot element in the population is large. In the Mandla district where the Aryan element is probably less important, the relative sex is about equal. But in the Hill districts of Mandla where the Dravidians are more numerous, and the effect of the high birth rates of the population is less, the female ratio has been reached.

**Causes of the  
Low Proportion  
of Women**

77 Leaving the perilous ground of speculation, we may now consider the influence of the customs and conditions of life on the proportion of the sexes. The following six factors have been suggested as the chief in causing the low proportion of women to men in the population of India. These have been discussed at length in the various census reports. It is only necessary on this occasion to mention only those which affect most the lives of women in this State. These factors are —

- A. Infanticide,
- B. Neglect of female children,
- C. Evil effects of early marriage and premature child-bearing,
- D. High birth rate and primitive methods of midwifery
- E. Hard treatment accorded to women, specially widows, and
- F. Hard work done by women.

As regards A we have seen that females, particularly those aged 0-6, are fewest among the Bhadauriya and Todwar Rajputs. In the case of these two sub-castes the very irregularity of the figures proves that female infanticide cannot be the cause for it could not be concealed if carried on in so wholesale a manner. It must be remembered, however that these people have come up out of the past and that they still drag the past up with them. The female has always been *and still is* a liability among them. If female infanticide has ceased there is little doubt that the life of a girl among these people is habitually less valued and worse cared for than that of a boy. In other castes, too, the great value set on male children is often accompanied by a comparative neglect of female children. It frequently happens that when a child's life is in danger no sacrifice is considered to be too great if a boy is involved, while a girl in many cases left to take her chance.

In the case of women in a later age-period the most important factor in the mortality rate is child birth and in the case of young widows the nature of their treatment. The ceremonies connected with confinement are extremely exacting. The young mother is often confined in an ill-ventilated room and in many cases is made to forego all nourishment. These customs in combination with the tender age of the mother and the unskilful and primitive methods of midwifery cause an enormously high female and infantile mortality. The life of women especially those of the lower classes is a round of unremitting toil and drudgery. In such circumstances a high female mortality at adult ages is scarcely surprising. Indeed the wonder is not that it is high but that it is no higher.

78 At the end of this chapter will be found seven special tables exhibiting the age and sex constitution of families in the State. The enquiry being in the main confined to selected areas in large municipal towns the data collected are of little value.

## SUBSIDIARY TABLE I

## General Proportions of the Sexes by Natural Divisions and Districts

Natural Divisions and Districts	NUMBER OF FEMALES TO 1,000 MALES											
	1931		1921		1911		1901		1891		1881	
	Actual Population	Natural Population	Actual Population	Natural Population	Actual Population	Natural Population	Actual Population	Natural Population	Actual Population	Natural Population	Actual Population	Natural Population
1	2	3	4	5	6	7	8	9	10	11	12	13
Gwallior State	867	908	884	900	903	924	906	903	872		849	
Natural Divisions												
1. Plain	832		828		853		867					
2. Northern Plateau	899		898		921		914					
3. Southern Plateau	924		922		928		959					
4. Hills	991		979		1,002		983					
Districts												
1. Gird	843		830		871		876					
2. Bund	833		833		849		856					
3. Founwar, bar	805		801		830		836					
4. Sheopor	879		879		895		907					
5. Narwar	898		890		910		907					
6. Ingarth	901		907		921		925					
7. Bhilva	911		901		936		966					
8. Ujjain	921		919		946		959					
9. Munhaur	939		936		943		955					
10. Shajapur	925		932		943		957					
11. Amliota	991		979		1,002		983					

NOTE.—"Actual Population" means the population actually present at the time of census irrespective of birth-place.

"Natural Population" means the population born in the district irrespective of the place of enumeration.



## SUBSIDIARY

## Number of Females per 1,000 Males at Different

Age	1	ALL RELIGIONS			HINDU			MUSLIM		
		1931	1921	1911	1931	1921	1911	1931	1921	1911
		2	3	4	5	6	7	8	9	10
0—1	—	973	878	963	971	877	967	1 016	914	942
1—2	—	1 005	1,004	1,008	1 009	1,026	1,003	1,015	1,083	1 038
2—3	—	1 038	1 002	1 055	1 038	988	1 059	1,035	992	1,041
3—4	—	999	1 067	1 036	998	1,058	1,028	1 011	1,099	1,120
4—5	—	943	944	849	941	925	839	952	1,012	1,003
Total 0—5	—	991	988	979	990	965	975	1 006	1,018	1,027
5—10	—	876	916	882	875	909	881	887	949	883
10—15	—	843	739	754	842	752	751	873	781	781
15—20	—	891	824	789	891	834	782	891	769	809
20—25	—	904	968	983	906	971	977	878	956	975
25—30	—	861	897	917	867	889	918	817	892	878
Total 0—30	—	903	887	891	868	879	887	901	898	900
30—40	—	833	836	868	836	834	869	792	820	863
40—50	—	836	829	901	842	838	905	769	782	808
50—60	—	894	930	966	904	946	978	782	795	857
60 and over	—	1,037	1,073	1,162	1 050	1 086	1,172	940	931	1 049
Total 30 and over	—	863	877	924	869	833	928	801	820	868
Total all ages	—	887	884	903	888	880	902	867	868	888

NOTE.—In 1931 the Animists have been recorded as Hindus or Hindoos Primitive given to facilitate comparison.

TABLE II.

## Age-Periods by Religion at each of the Last Three Censuses

JAIN			CHRISTIAN			ANIMIST			OTHERS		
1931	1921	1911	1931	1921	1911	1931	1921	1911	1931	1921	1911
11	12	13	14	15	16	17	18	19	20	21	22
962	779	901	1 833	733	200	918	928	868	857	1,222	5,000
958	1,168	1,136	384	933	10,000	1,129	1,146	1,082	1,000	888	1,666
1 036	997	1,013	1 052	647	1 222	1,148	1,203	966	928	1,625	600
1,014	950	1,019	1,227	958	1,250	970	1 179	1,153	1,143	625	666
979	942	957	1,210	826	875	1 024	1,145	915	1,091	1,857	1,500
989	950	991	1,304	817	1,111	1 033	1 123	990	1,000	1,122	1,000
892	956	965	1 246	1,333	903	990	985	917	475	825	1,000
829	818	754	1 220	1 842	900	988	814	838	603	1,068	646
864	959	872	1,666	149	1,363	984	911	1,105	1,222	667	555
932	973	1,000	1 250	253	1,272	964	1 281	1 328	666	632	1,750
883	784	860	755	566	1,000	1 006	1,102	1,064	761	625	846
900	904	990	1 232	525	1,088	998	1,016	1 072	762	798	928
802	777	934	745	650	600	898	915	830	644	542	487
786	749	900	657	481	125	935	751	998	478	507	555
789	813	849	772	1,097	1,166	911	907	1 106	625	763	400
803	1,015	954	735	696	619	835	1,076	1,300	809	719	1,333
795	807	910	718	655	600	904	879	945	606	581	543
859	865	895	1 024	560	871	972	970	899	697	696	792

Trials and they have therefore been included under "Hindu" Separate figures are, however,

## SUBSIDIARY.

Number of Females per 1,000 Males at Different

Age		PLAIN						NORTHERN		
		All Religions	Hindu	Muslim	Jain	Christian	Others	All Religions	Hindu	Muslim
1		2	3	4	5	6	7	8	9	10
0—1	—	921	913	1,023	1,163	2,000	1,400	981	972	1,020
1—2	—	971	962	1,023	1,023	1,333	1,250	1,003	1,006	961
2—3	—	1,014	1,012	1,017	1,147	666	1,166	1,039	1,037	1,180
3—4	—	964	961	979	1,185	1,666	1,800	1,019	1,018	1,124
4—5	—	913	911	926	1,033	2,000	1,400	968	969	965
Total 0—5	—	935	951	993	1,122	1,500	1,400	1,002	1,002	1,053
5—10	—	817	815	827	916	1,666	600	885	865	909
10—15	—	776	774	800	814	1,235	952	857	838	836
15—20	—	826	823	865	891	1,545	1,045	877	880	789
20—25	—	847	846	859	942	1,071	655	904	906	846
25—30	—	821	823	792	878	412	609	873	874	818
Total 0—30	—	843	841	860	930	1,194	879	899	900	884
30—40	—	765	767	734	795	966	531	887	890	848
40—50	—	770	774	712	764	583	469	858	863	812
50—60	—	873	882	761	776	545	523	906	910	819
60 and over	—	1,062	1,072	981	811	636	714	1,139	1,142	1,237
Total 30 and over	—	811	814	950	785	598	523	901	905	869
Total all ages	—	832	832	826	874	867	723	899	901	879

NOTE.—There is no population of Christians and

TABLE III

## Age Periods by Religions and Natural Divisions

PLATEAU			SOUTHERN PLATEAU						HILLY			
Jain	Christian	Others	All Religions	Hindu	Muslim	Jain	Christian	Others	All Religions	Hindu	Muslim	Jain
11	12	13	14	15	16	17	18	19	20	21	22	23
937	-	500	1,016	1,021	998	857	1,800	600	1,012	1,001	1,206	1,333
880	1,000	800	1,043	1,048	1,012	956	1,444	2,000	1,044	1,046	1,062	1,150
933	1,000	600	1,051	1,055	1,013	1,046	1,166	1,500	1,095	1,098	1,061	958
921	1,500	333	1,016	1,017	1,005	982	1,118	1,333	1,038	1,040	1,009	961
932		250	985	951	986	937	1,062	2,500	952	950	959	1,105
919	1,250	500	1,016	1,011	1,002	958	1,266	1,307	1,028	1,027	1,051	1,098
847	66	333	921	920	935	903	1,170	470	965	968	901	894
773		333	902	901	918	872	1,312	538	994	993	1,095	768
865	1,000	1,000	952	956	922	858	1,733	2,000	1,037	1,036	1,151	777
932		444	955	957	898	919	1,294	1,100	1,015	1,025	887	791
923		700	893	898	846	877	805	1,083	1,001	1,023	660	764
878	1,083	476	944	972	928	899	1,249	972	1,006	1,009	968	851
760	1,666	529	862	866	828	829	753	913	957	974	675	759
725		357	888	894	805	820	721	571	912	924	704	837
857	333	714	899	922	787	772	1,100	706	916	925	851	803
872	1,000	1,666	963	979	864	758	818	700	1,150	1,170	960	1,028
778	777	585	887	896	819	806	796	732	954	968	733	815
843	952	511	924	929	881	861	1,089	853	991	997	893	837

"Others" in the Hilly Division.

## SUBSIDIARY TABLE IV

Number of Females per 1,000 Males for certain  
Selected Castes.

Castes	NUMBER OF FEMALES PER 1 000 MALES						
	All ages	0—6	7—13	14—16	17—23	24—43	44 and over
1	2	3	4	5	6	7	8
1. Ahir —	861	943	717	827	980	859	867
2. Bahl —	995	1,208	947	1 008	999	884	972
3. Banla —	828	1,035	883	682	811	738	839
4. Beragi —	904	897	992	873	1 105	783	708
5. Bhil —	972	1,272	950	1,038	1,003	1,000	575
6. Bhilala —	985	1,375	1 080	622	700	905	1 213
7. Brahman —	775	916	791	682	739	764	728
8. Brahman Dakshini—	927	1,305	1,363	642	720	874	806
9. Chamar —	957	1 136	955	776	854	926	929
10. Gadariya —	931	1,344	1,019	819	823	790	812
11. Gujar —	962	1,239	943	938	996	821	918
12. Kachhi —	868	1,065	841	829	875	768	855
13. Kayastha —	798	1,089	1,039	423	704	714	803
14. Kirar —	852	987	813	683	987	782	856
15. Kol —	836	1,041	927	665	869	809	665
16. Kurabhar —	903	1,075	849	729	853	879	913
17. Lodhi —	877	966	848	854	891	816	932
18. Maratha —	809	1 098	931	577	561	744	946
19. Mina —	953	1,291	1 129	688	958	804	839
20. Mrdha—	915	1,273	917	927	930	729	833
21. Nal —	883	1,070	796	889	897	818	879
22. Rajput Bhadauriya —	634	994	621	657	597	655	669
23. Rajput Chauhan —	854	835	868	731	816	858	929
24. Rajput Kachhwaha—	711	929	887	875	843	560	557
25. Rajput Ragh banel—	943	1 102	733	1,186	1,007	832	966
26. Rajput Tonwar —	622	573	640	622	441	691	742
27. Sahariya —	977	1,164	913	1 153	1,080	813	864
28. Sondhua —	996	1,211	998	927	1,357	808	815
29. Teli —	867	994	838	774	800	912	787

## SUBSIDIARY TABLE V.

Actual Number of Births and Deaths reported for each  
Sex during the Decades 1901-1910,  
1911-1920, 1921-1930

Years	NUMBER OF BIRTHS			NUMBER OF DEATHS			Difference between columns 2 and 3 Excess of latter over former (+) deficit (-)	Difference between columns 5 and 6 Excess of latter over former (+) deficit (-)	Difference between columns 4 and 7 Excess of former over latter (+) deficit (-)	Number of female births per 1 000 male births	Number of female deaths per 1 000 male deaths
	Male	Female	Total	Male	Female	Total					
1	2	3	4	5	6	7	8	9	10	11	12
1921	14 343	13 965	28 308	14 914	13,318	28 232	-378	-1,616	+ 56	972	891
1922	12,997	11 859	24 856	13 523	11,373	24 896	-1,138	-2,150	- 40	912	841
1923	13,924	11,396	25,320	10,779	8 695	19 474	-2,598	-2 094	+ 5 926	814	505
1924											
1925	22 554	17 949	40 503	16 648	12 588	29 236	-4,645	-4 160	+11,267	794	754
1926	25 540	22 838	48 378	16 927	12,662	29 589	-2,711	-4 335	+18 725	868	744
1927	24 555	22 521	47 076	20,843	16 989	37 832	-2,337	-3 854	+9,547	905	815
1928	27,293	23 608	50 901	19 698	15 338	35 036	-3,685	- 4,360	+15 865	864	778
1929	29 031	24 153	53,184	25,479	18 948	44 427	-4,878	-6,531	+8 727	831	743
1930	29 935	25 148	55,083	20,763	18 510	39 273	-4,787	-2,283	+15 790	840	892
TOTAL 1921 1930—	200 594	173 437	374 031	159,704	128 431	288,135	-27,157	- 91,278	+55,890	864	804
Natural Divi- sions											
1 Plain	71 253	67,242	138,495	61 410	43 507	104,917	-4,005	-17 941	+33,511	945	708
2 Northern Plateau	63 467	51 331	114 798	40 635	33,722	74 357	-12,136	-6,913	+40,441	809	805
3 Southern Plateau	60 442	50 641	111 083	61 789	46,791	98 580	- 9 821	-4 998	+12,503	850	908
4 Hilly	5 485	4 228	9,658	5 834	4 413	10 247	-1 212	-1,421	-589	777	792

NOTE—(1) Statistics for 1924 are not available.

(2) Figures for 1901-1910 and 1911-1920 are not available

## SEX TABLE I.

## Sex of First Born

Natural Di litions	Number of females first born	Percentage of such families where female children predominate	Number of males first born	Percentage of such families where male children predominate	Number of females first born per 1,000 males first born	Number of ships examined
1	2	3	4	5	6	7
Total ...	710	35.6	978	63.4	726	1,633
Rural areas	501	37.4	685	62.6	731	1,186
Urban areas	209	34.9	293	65.1	715	502

## SEX TABLE II.

## Size and Sex Constitution of Families

(COMPILED FROM COMPLETED MARRIAGES ONLY.)

Size of family (number of children born to marriage)	Number of families	SEX		Number of female children per 1,000 males	Percentage of families to total
		Male	Female		
1	2	3	4	5	6
Total ...	1,802	6,256	5,061	809	100.00
No children ...	44	---	---	---	2.44
One child ...	96	57	39	684	5.33
Two children ...	101	113	89	700	5.61
Three ...	121	208	155	745	6.71
Four ...	162	348	300	861	8.99
Five "	210	587	463	789	11.65
Six "	199	650	544	837	11.04
Seven "	230	908	702	773	12.76
Eight "	220	934	806	845	12.21
Nine "	140	701	559	797	7.77
Ten "	122	641	579	903	6.77
Eleven ...	69	439	320	729	5.33
Twelve "	49	325	263	809	2.72
Thirteen ...	16	114	94	820	.89
Fourteen ...	9	64	62	969	.50
Fifteen "	4	45	15	333	.22
Sixteen "	4	40	24	600	.22

**SEX TABLE II —(contd)**  
**Size and Sex Constitution of Families**  
 (COMPILED FROM COMPLETED MARRIAGES ONLY)

Size of family (number of children born to marriage)	Number of families	SEX		Number of female children per 1,000 males	Percentage of families to total
		Male	Female		
1	2	3	4	5	6
Seventeen children	3	31	20	645	17
Eighteen "	1	12	6	500	06
Twenty "	2	19	21	1,105	11
<b>Rural Areas Total</b>	<b>1,259</b>	<b>4,435</b>	<b>3,586</b>	<b>809</b>	<b>100 00</b>
No children	15				1.9
One child	52	26	25	1,000	4.13
Two children	62	69	55	797	4.92
Three "	76	126	101	795	6.04
Four "	112	245	203	829	8.89
Five "	160	456	314	754	12.70
Six "	145	472	398	843	11.52
Seven "	187	742	567	764	14.85
Eight "	180	781	659	844	14.30
Nine "	109	558	423	758	8.66
Ten "	84	437	403	922	6.67
Eleven "	38	239	179	749	3.02
Twelve "	22	137	127	927	1.75
Thirteen "	7	50	41	820	.56
Fourteen "	3	19	23	1,211	.24
Fifteen "	3	35	10	286	.24
Sixteen "	2	22	10	455	.16
Seventeen "	1	10	7	700	.08
Twenty "	1	10	10	1,000	.08
<b>Urban Areas Total</b>	<b>543</b>	<b>1,821</b>	<b>1,475</b>	<b>810</b>	<b>100 00</b>
No children	29				5.34
One child	44	31	13	419	8.10
Two children	39	44	34	773	7.18
Three "	45	81	54	667	8.29
Four "	50	103	97	942	9.21
Five "	50	131	119	908	9.21



## SEX TABLE II—(concl'd.)

## Size and Sex Constitution of Families

(COMPILED FROM COMPLETED MARRIAGES ONLY.)

Size of family (number of children born to marriage)	Number of families	SEX		Number of male children per 1,000 males	Percentage of families to total
		Male	Female		
1	2	3	4	5	6
Six children	54	178	146	820	995
Seven "	43	166	135	813	792
Eight "	40	173	147	850	737
Nine "	31	143	136	951	571
Ten "	38	204	176	863	700
Eleven "	31	200	141	705	571
Twelve "	27	188	136	723	497
Thirteen "	9	64	53	828	166
Fourteen "	6	45	39	867	110
Fifteen "	1	10	5	500	18
Sixteen "	2	18	14	778	37
Seventeen "	2	21	13	619	37
Eighteen "	1	12	6	500	18
Twenty	1	9	11	1,222	18

## SEX TABLE III

## Size of Families by Occupation of Husband

Occupation of Husband	Number of families examined	TOTAL NUMBER OF CHILDREN BORN		Average per family	NUMBER OF CHILDREN SURVIVING		Proportion of surviving to total thousand born
		Boys	Girls		Boys	Girls	
1	2	3	4	5	6	7	8
<i>Total</i>	1 802	6,256	5,061	6 28	3,642	2,758	566
1 Rent receivers	196	692	535	6 26	439	308	609
2 Cultivators of all kinds	764	2,653	2,141	6 27	1,724	1,276	626
3 Agricultural labourers	24	85	70	6 46	49	44	600
4 Herdsmen and shepherds	17	66	40	6 24	44	24	642
5 Artisans and workmen	153	574	415	6 46	286	232	524
6 Scavengers	8	28	27	6 88	11	6	319
7 Trade	155	568	484	6 79	293	237	504
8 Public Force	13	40	29	5 31	18	18	522
9 Public Administration	57	206	194	7 02	106	100	515
10 Priests, ministers etc.	46	141	143	6 17	71	67	486
11 Transport	10	41	40	8 10	9	12	259
12 Lawyers, doctors, etc.	11	43	40	7 55	27	23	602
13 Moneylenders	9	30	30	6 67	13	16	483
14 Domestic service	198	680	547	6 20	322	240	456
15 Contractors cashiers, etc	30	94	79	5 77	50	33	480
16 Labourers of all kinds	61	167	130	5 20	101	68	533
17. Beggars	17	39	46	5 00	28	23	600
18 Others	33	89	71	4 85	51	31	512
<i>Rural Areas</i>	1,259	4,435	3,586	6 37	2,770	2,086	605
1 Rent receivers	184	659	506	6 33	426	297	621
2 Cultivators of all kinds	753	2,625	2,111	6 29	1,711	1,256	418
3 Agricultural labourers	21	76	64	6 67	45	40	607
4 Herdsmen and shepherds	12	51	38	7 42	32	23	618
5 Artisans and workmen	89	352	266	6 94	177	149	527
6 Scavengers	4	11	19	7 50	6	5	367
7 Trade	73	272	237	6 97	151	129	540
8 Public Force	2	7	2	4 50	4	1	556
9 Priests, ministers, etc	17	39	47	5 06	28	29	663

## SEX TABLE III—(contd.)

## Size of Families by Occupation of Husband.

Occupation of Husband	Number of families in which	TOTAL NUMBER OF CHILDREN BORN		Per Average family	NUMBER OF CHILDREN SURVIVING		Proportion of surviving to total thousand born
		Boys	Girls		Boys	Girls	
1	2	3	4	5	6	7	8
10. Public Administration	16	57	57	7.13	8	39	388
11. Transport	—	—	—	—	—	—	—
12. Lawyers, doctors, etc.	4	17	9	6.50	10	5	577
13. Moneylenders	3	12	12	8.00	7	6	542
14. Domestic service	23	82	72	6.70	40	37	500
15. Contractors, cashiers, etc.	1	4	4	8.00	3	1	500
16. Labourers of all kinds	35	107	83	5.71	58	41	521
17. Beggars	14	37	40	5.50	27	17	571
18. Others	8	27	19	5.75	17	11	609
Urban Areas	543	1,821	1,475	6.07	872	673	469
1. Rent receivers.	12	33	29	5.17	13	11	387
2. Cultivators of all kinds	11	28	30	5.27	13	20	569
3. Agricultural labourers.	3	9	6	5.00	4	4	333
4. Herdsmen and shepherds	5	15	2	3.40	12	1	765
5. Artisans and workmen	64	222	149	5.80	109	83	518
6. Scavengers	4	17	8	6.25	5	1	240
7. Trade	82	296	247	6.63	142	108	460
8. Public Force	11	33	27	5.45	14	17	517
9. Public Administration.	41	149	137	6.97	78	61	485
10. Priests, ministers, etc.	29	102	96	6.83	43	38	409
11. Transport	10	41	40	8.10	9	12	259
12. Lawyers, doctors, etc.	7	26	31	8.14	17	18	614
13. Moneylenders	6	18	18	6.00	6	10	444
14. Domestic service	175	598	475	5.13	282	203	452
15. Contractors, cashiers, etc.	29	90	75	5.69	47	32	479
16. Labourers of all kinds	26	80	47	4.90	43	27	511
17. Beggars	3	2	6	2.63	1	6	875
18. Others	23	62	5	4.56	34	20	474

## SEX TABLE IV

## Size of Families by Caste or Religion of Family

Caste or Religion	Number of families examined	TOTAL NUMBER OF CHILDREN BORN		Average per family	NUMBER OF CHILDREN SURVIVING		Proportion of surviving to thousand born	NUMBER OF FAMILIES WITH WIFE MARRIED AT				
		Boys	Girls		Boys	Girls		Under 12	13-14	15-19	20-29	30 & over
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	1,802	6,256	5,061	6.28	3,612	2,758	566	603	196	599	353	51
1 Ahr	67	198	174	5.55	135	115	672	32	5	19	11	
2 Badhar	44	158	139	6.75	99	85	620	15	4	18	6	1
3 Balu	47	174	145	6.79	105	84	593	10	8	21	7	1
4 Bania	101	358	333	6.84	205	172	546	44	14	29	12	2
5 Bhargi	12	38	32	5.43	21	9	429	3	2	6	1	
6 Bhoi	8	42	22	8.00	15	15	469	1	—	3	4	
7 Brahmin	257	881	696	6.14	451	344	504	93	25	81	49	6
8 Chamur	97	332	286	6.37	162	172	540	39	9	26	22	1
9 Darzi	17	57	43	5.88	28	15	430	7	1	6	2	1
10 Dhakad	22	67	53	5.45	58	33	717	4	6	10	2	
11 Dhobi	7	14	19	4.71	9	14	697	4	1	1	1	..
12 Gujar	48	170	126	6.23	119	72	639	10	8	24	4	2
13 Kachhi	68	236	179	6.10	141	103	588	29	3	20	14	2
14. Kayastha	39	151	129	7.18	78	57	482	14	6	16	3	
15 Kirar	23	65	55	5.22	45	35	667	5	2	7	8	1
16 Koli	23	78	74	6.61	36	46	539	5	2	9	6	1
17 Kumbhar	19	66	48	6.00	35	35	614	5	2	8	4	
18 Lodhi	18	62	45	5.94	27	25	579	8	2	6	2	—
19. Maratha	26	60	40	4.08	36	18	538	6	2	6	12	
20 Mira	29	83	87	5.86	49	50	582	11	7	4	7	
21 Nai	20	64	49	5.60	26	24	442	6	2	8	3	1
22. Rajput	182	675	510	6.51	407	303	599	63	27	66	24	2
23. Senar	13	47	31	6.00	27	8	449	4	1	2	5	1
24 Teli	28	101	74	6.45	62	39	577	8	3	12	5	
25 Bhil	27	115	65	6.67	75	34	606	4	1	6	12	4

## SEX TABLE IV —(contd.)

## Size of Families by Caste or Religion of Family

Caste or Religion	Number of families ascertained	NUMBER OF CHILDREN SURVIVING		Average per family	NUMBER OF CHILDREN SURVIVING		Proportion of surviving to thousand born	NUMBER OF FAMILIES WITH WIFE MARRIED AT				
		Boys	Girls		Boys	Girls		Under 12	13-14	15-19	20-30	30 & over
1	2	3	4	5	6	7	8	9	10	11	12	13
26 Bhilala ...	20	91	53	7.20	60	33	0.46	4	1	8	7	...
27 Sabariya ...	17	56	47	6.06	40	31	0.89	5	1	9	2	...
28 Musalim ...	194	698	611	6.75	380	275	5.00	54	13	50	66	11
29 Christian ...	2	5	2	3.50	4	2	8.57	...	...	1	1	...
30 Others ...	327	1 108	991	6.24	659	310	5.76	107	38	117	51	14
Rural Areas	1,259	4 435	3,586	6.37	2 776	2,086	6.05	434	172	433	189	37
1 Ahi ...	67	198	174	5.55	135	115	6.72	32	5	19	11	...
2 Badhal ...	41	152	133	6.95	95	82	6.21	14	4	17	5	1
3 Bahi ...	47	174	145	6.58	103	84	5.92	10	8	21	7	1
4 Baria ...	64	215	208	6.61	141	125	6.29	26	14	17	5	2
5 Bhangl ...	6	15	20	5.83	10	6	4.57	2	1	3	...	...
6 Brahman ...	104	356	280	6.12	222	172	6.14	41	17	31	13	2
7 Chamar ...	83	293	254	6.61	143	159	5.51	35	9	25	16	...
8 Deral ...	11	42	31	6.64	21	13	4.66	5	1	4	1	...
9 Dhakad ...	22	67	53	5.45	53	39	7.17	4	6	10	2	...
10 Dholi ...	6	14	19	5.50	9	14	6.97	4	1	1	...	...
11 Gujar ...	48	170	129	6.23	119	72	6.39	10	8	24	4	2
12 Kachhi ...	48	174	144	6.63	112	80	6.04	19	3	17	8	1
13 Kayastha ...	13	51	56	8.23	26	23	4.58	2	2	8	1	...
14 Kirar ...	23	65	55	4.80	45	35	6.67	5	2	7	8	1
15 Koli ...	8	24	23	5.88	15	13	4.38	2	2	3	1	...
16 Kumbhar ...	13	43	33	5.85	26	25	6.71	4	2	5	2	...
17 Lodhi ...	18	62	45	5.94	37	25	5.79	8	2	6	2	...
18 Maratha ...	2	10	4	7.00	6	1	5.00	1	...	...	1	...
19 Mina ...	29	83	87	6.17	49	50	5.82	11	7	4	7	...
20 Nai ...	12	39	35	6.17	21	20	5.54	4	1	4	2	1

## SEX TABLE IV—(concl'd)

## Size of Families by Caste or Religion of Family

Caste or Religion	Number of families examined	TOTAL NUMBER OF CHILDREN SURVIVING		Average per family	NUMBER OF CHILDREN SURVIVING		Proportion of surviving to thousand born	NUMBER OF FAMILIES WITH WIFE MARRIED AT				
		Boys	Girls		Boys	Girls		Under 12	13-14	15-19	20-30	30 & over
1	2	3	4	5	6	7	8	9	10	11	12	13
21 Rajput	169	618	470	6.44	390	293	628	59	26	63	19	2
22 Sonar	8	33	23	7.00	19	6	446	4	1	2		1
23 Teli	22	84	60	6.55	54	33	604	7	3	10	2	
24 Bhal	27	115	65	6.67	75	34	806	4	1	6	12	4
25 Bhalala	20	91	53	7.20	60	33	646	4	1	8	7	
26 Sahariya	17	56	47	6.06	40	31	689	5	1	9	2	—
27 Muslim	60	246	181	7.12	126	72	464	21	7	20	9	3
28. Others	271	943	859	6.65	616	437	584	91	37	91	42	10
Urban Areas	545	1,821	1,475	6.07	872	672	468	169	24	166	164	20
1 Badhai	3	6	6	4.00	4	3	583	1		1	1	.
2 Bania	37	143	125	7.25	64	47	414	18		12	7	
3 Bhangi	6	23	12	5.83	11	3	400	1	1	3	1	
4 Bhoi	8	42	22	8.00	15	15	455	1		3	4	
5 Brahman	153	525	416	6.15	229	172	741	55	8	50	36	4
6, Chamar	14	37	32	4.93	19	13	464	4		3	6	1
7 Darzi	6	15	12	4.50	7	2	333	2		2	1	1
8 Dhobi	1										1	
9 Kachhi ,	20	62	35	4.85	29	23	536	10		3	6	1
10 Kayastha	26	100	73	6.65	52	34	497	12	4	8	2	
11 Koh	15	54	51	7.00	21	33	514	3	—	6	5	1
12 Kumbhar	6	23	15	6.33	9	10	396	1		3	2	
13 Maratha	24	56	36	3.83	33	17	544	5	2	6	11	
14 Nai	8	25	14	4.87	5	4	231	2	1	4	1	
15 Rajput	13	57	40	7.46	17	10	278	4	1	3	5	
16 Sonar	5	14	8	4.40	8	2	409		—		5	—
17 Teli	6	17	14	5.17	8	6	452	1		2	3	—

SEX TABLE V<sup>1</sup>

Average Size of Family correlated with Age of  
Wife at Marriage

Age of Wife at Marriage				Number of families	Number of children born	Average observed	Number of children surviving	Average observed
1				2	3	4	5	6
Total				1,202	11,317	6'22	6,400	5'53
Under	12	—	—	603	3,819	6'35	2,170	3'60
	13	—	—	98	644	6'37	363	3'70
	14	—	—	97	570	5'88	397	4'30
	15—19	—	—	599	3,904	6'52	2,225	3'71
	20—24	—	—	267	1,532	5'81	806	3'03
	25—29	—	—	78	525	6'73	284	3'64
	30 and over	—	—	60	303	5'05	165	2'75
Rural Areas				1,259	8,021	6'57	4,250	3'85
Under	12	—	—	434	2,800	6'45	1,666	3'86
	13	—	—	87	566	6'51	317	3'64
	14	—	—	84	493	5'89	356	4'24
	15—19	—	—	433	2,894	6'68	1,728	3'99
	20—24	—	—	140	835	5'96	303	3'39
	25—29	—	—	41	223	5'44	157	3'83
	30 and over	—	—	40	208	5'20	129	3'23
Urban Areas				543	3,296	6'07	1,544	2'84
Under	12	—	—	169	1,019	6'03	504	2'96
	13	—	—	11	78	7'09	36	3'27
	14	—	—	13	75	5'77	41	3'15
	15—19	—	—	166	1,010	6'08	497	2'99
	20—24	—	—	127	717	5'65	308	2'79
	25—29	—	—	37	303	8'16	127	3'43
	30 and over	—	—	20	95	4'75	36	1'80

## SEX TABLE VI

## Proportion of Fertile and Sterile Marriages

Age of Wife at Marriage	DURATION OF MARRIAGE YEARS							
	0-4		5-9		10-14		15 and over	
	Fertile	Sterile	Fertile	Sterile	Fertile	Sterile	Fertile	Sterile
	2	3	4	5	6	7	8	9
1								
Total	748	1,109	2,643	694	3,665	300	9,547	363
Under 12	154	584	1,028	466	1,828	202	5,518	207
13	72	115	298	66	430	17	559	15
14	177	189	463	63	325	9	636	22
15-19	268	176	693	73	862	42	2,217	77
20-24	39	30	134	10	154	20	482	28
25-29	19	10	17	11	45	5	102	12
30 & over	19	5	10	5	21	5	33	2
Rural Areas	351	465	1,454	350	2,084	153	5,839	164
Under 12	67	261	525	263	1,022	111	3,250	106
13	34	38	195	25	265	11	406	6
14	52	51	209	24	179	1	441	8
15-19	152	88	424	29	481	20	1,399	33
20-24	19	16	83	3	99	6	264	8
25-29	12	8	12	3	26	3	56	2
30 & over	15	3	6	3	12	1	23	1
Urban Areas	397	644	1,189	344	1,581	147	3,708	199
Under 12	87	323	503	203	806	91	2,268	101
13	38	77	103	41	165	6	153	9
14	125	138	254	39	146	8	195	14
15-19	116	88	269	44	381	22	818	44
20-24	20	14	51	7	55	14	218	20
25-29	7	2	5	8	19	2	46	10
30 & over	4	2	4	2	9	4	10	1



## SEX TABLE

Duration of Marriage correlated

Caste or Religion of Husband	DURATION OF MARRIAGE							
	UNDER 10 YEARS			10 YEARS			BETWEEN 10	
	Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children	Number of families	Number of children
1	2	3	4	5	6	7	8	9
<b>Gwalior State</b>								
1. Ahir	196	199	1'03	54	123	2'28	226	651
2. Balal	36	84	2'33	11	21	1'91	31	143
3. Bania	356	425	1'19	90	201	2'23	314	1,143
4. Baragi	23	33	1'43	7	15	2'14	51	198
5. Bhargal	48	68	1'42	13	36	2'77	31	136
6. Ball	52	48	0'94	13	38	2'92	44	177
7. Bhilala	25	43	1'72	7	29	4'14	21	105
8. Bhol	74	92	1'24	25	57	2'28	110	370
9. Brahman	884	1 004	1'14	194	430	2'22	803	2,806
10. Chamar	316	363	1'15	101	233	2'31	428	1,189
11. Chhupa	21	13	0'63	8	14	1'75	12	41
12. Dard	35	32	0'91	13	26	2'00	46	167
13. Dhobi	32	33	1'03	11	21	1'91	47	149
14. Dhakad	35	19	0'54	7	11	1'56	30	88
15. Gadariya	35	32	0'91	13	20	1'33	31	103
16. Ghos	25	28	1'12	13	35	2'33	28	95
17. Gular	85	127	1'49	24	52	2'17	98	374
18. Gosain	18	38	2'11	2	2	1'00	20	73
19. Jat	35	64	1'83	12	24	2'00	35	148
20. Kachhi	242	262	1'08	65	153	2'35	270	751
21. Kalar	18	12	0'67	2	4	2'00	17	64
22. Kayastha	167	237	1'42	26	63	2'42	117	495
23. Khatik	26	31	1'19	14	31	2'21	29	90
24. Kirar	81	93	1'17	15	27	1'80	80	281
25. Koli	92	102	1'11	34	67	1'97	110	353
26. Kumbhar	69	87	1'26	35	84	2'40	80	387
27. Kurmi	17	27	1'59	10	24	2'40	37	130
28. Lodhi	76	73	0'96	21	38	1'81	130	417
29. Lohar	43	30	0'70	17	40	2'35	31	119
30. Mal	40	72	1'80	11	28	2'55	43	140
31. Maratha	124	136	1'10	35	94	2'68	98	321
32. Mina	68	85	1'25	25	61	2'44	93	272
33. Nai	91	100	1'10	19	44	2'32	120	327
34. Rajput	317	333	1'11	76	177	2'30	444	1,575
35. Sabariya	69	71	1'03	24	53	2'29	52	162
36. Soar	73	65	0'89	22	39	1'76	78	273
37. Sutar	43	79	1'84	16	59	2'44	61	226
38. Tamboli	19	12	0'68	7	12	1'71	16	51
39. Tel	84	83	1'01	21	43	2'05	85	322
40. Musalm	717	922	1'28	174	419	2'41	634	2,357
41. Jain	15	219	1'27	—	—	—	10	29
42. Christian	10	20	2'00	2	5	2'50	10	34

## ste or Religion of Family

## PRESENT WIFE

BETWEEN 20 AND 31			32			33 AND OVER		
Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children
11	12	13	14	15	16	17	18	19
211	722	3.42	2	14	7.00	59	327	5.54
67	435	6.49	3	17	5.67	35	240	6.86
297	1,658	5.58	8	60	7.50	78	490	6.28
24	143	5.94				4	24	6.00
30	158	5.27				7	43	6.17
53	272	5.13	3	25	8.33	13	89	6.85
34	236	6.94				11	63	5.73
94	500	5.32	2	19	9.50	10	77	7.70
738	4,321	5.86	27	133	4.93	240	1,291	5.38
378	1,819	4.81	5	32	6.40	65	413	6.35
14	58	4.14	1	7	7.00	2	13	6.50
32	170	5.31	1	12	12.00	13	60	4.62
43	218	5.07	1	12	12.00	8	34	4.25
34	197	5.79	3	15	5.00	11	60	5.45
26	106	4.08				4	24	6.00
27	133	4.93				5	26	5.20
111	620	5.59	2	14	7.00	25	159	6.36
7	37	5.29				5	25	5.00
27	161	5.96	2	12	6.00	7	44	6.29
218	1,124	5.16	5	33	6.60	48	314	6.54
18	90	5.00				6	37	6.17
16	622	5.36	3	17	5.67	36	257	7.14
22	113	5.14				3	24	8.00
93	461	4.96	2	13	6.50	15	74	4.93
155	823	5.31	1			17	126	7.41
79	460	5.82	1	12	12.00	14	70	5.00
50	296	5.92				18	139	7.17
94	402	4.28	14	82	5.00	25	157	6.28
47	231	4.91	1	5	5.00	8	54	6.75
47	249	5.30	3	17	5.67	14	87	6.36
92	430	4.67	4	28	7.00	17	106	6.12
82	428	5.22				18	106	5.89
84	496	5.90	1	4	4.00	17	91	5.35
502	2,745	5.47	15	95	6.33	150	869	5.79
77	415	5.39				11	76	6.91
66	354	5.36	1	7	7.00	8	57	7.13
77	486	6.31	1	12	12.00	30	113	3.77
18	89	4.93				1	8	8.00
74	440	5.95	3	23	7.67	24	141	5.83
664	3,587	5.40	12	47	3.92	137	877	6.40
9	44	4.89	1	7	7.00	2	14	7.00
7	28	4.00				4	29	7.25

## SEX TABLE

## Duration of Marriage correlated

Caste or Religion of Husband	DURATION OF MARRIAGE							
	UNDER 10 YEARS			10 YEARS			BETWEEN 10	
	Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children	Number of families	Number of children
1	2	3	4	5	6	7	8	9
<b>Rural Areas</b>								
1. Ahir	180	173	0.97	50	119	2.38	216	624
2. Baki	25	71	2.84	9	19	2.11	27	126
3. Baria	165	238	1.44	44	95	2.18	183	701
4. Bengi	17	24	1.41	7	15	2.14	39	158
5. Bhangi	13	20	1.54	4	1	3.00	12	59
6. Bhil	5	48	0.94	13	38	2.92	44	177
7. Bhilala	25	43	1.72	7	29	4.14	21	103
8. Bhoi	32	39	1.22	6	18	3.00	28	110
9. Brahman	232	383	1.36	71	167	2.35	332	1,181
10. Chammar	218	240	1.11	61	143	2.34	326	833
11. Chhipa	5	5	1.00	2	1	0.50	7	20
12. Darsi	18	21	1.17	9	21	2.33	24	103
13. Dhobi	16	13	0.81	6	9	1.50	30	95
14. Dhakad	35	19	0.54	7	11	1.56	30	88
15. Gadariya	33	30	0.91	14	18	1.29	28	99
16. Ghosi	7	6	0.86	2	5	2.50	4	12
17. Gujar	83	125	1.51	21	47	2.24	92	359
18. Gomin	18	38	2.11	2	2	1.00	19	70
19. Jat	35	64	1.83	11	23	2.09	35	148
20. Kaobhi	135	139	1.03	40	88	2.20	118	430
21. Kahr	8	3	0.38	1	2	2.00	10	39
22. Kayastha	71	116	1.63	14	37	2.64	57	251
23. Khatik	2	4	2.00	3	9	3.00	9	27
24. Khar	69	85	1.23	13	23	1.77	69	252
25. Koli	27	31	1.15	10	25	2.50	35	119
26. Kumbhar	42	62	1.48	22	38	2.64	47	291
27. Kurmi	16	26	1.63	7	21	3.00	25	101
28. Lodhi	73	70	0.96	20	37	1.83	121	396
29. Lohar	7	9	1.29	10	27	2.70	21	78
30. Mali	30	64	2.13	7	18	2.57	28	103
31. Maratha	11	15	1.36	2	5	2.50	12	44
32. Mi	68	85	1.25	23	61	2.44	94	270
33. Nai	49	67	1.37	7	13	2.14	75	236
34. Rajput	221	255	1.15	56	123	2.23	353	1,239
35. Sahariya	68	71	1.04	24	53	2.21	52	161
36. Sonar	21	27	1.29	9	18	2.00	39	135
37. Sethi	43	79	1.83	16	39	2.44	61	226
38. Tamboli	7	4	0.57	2	4	2.00	4	17
39. Tal	39	36	0.92	11	24	2.18	49	183
40. Muslim	161	247	1.53	52	146	2.81	142	604
41. Jain	4	4	1.00	—	—	—	9	23
42. Christian	1	1	1.00	—	—	—	1	5

## VII—(contd.)

with Caste or Religion of Family.

## WITH PRESENT WIFE

AND 19	BETWEEN 20 AND 31			32			33 AND OVER		
Average number of children	Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children
10	11	12	13	14	15	16	17	18	19
2 89	203	691	3 40	2	14	7 00	58	320	5 52
4 67	61	405	6 64	3	17	5 67	34	231	6 79
3 86	154	861	5 59	8	60	7 50	48	293	6 11
4 05	19	127	6 68				3	15	5 00
4 92	15	76	5 07				4	24	6 00
4 02	53	272	5 13	3	25	8 33	13	89	6 85
5 00	34	236	6 94				11	63	5 73
3 93	22	108	4 91				2	16	8 00
3 56	301	1,715	5 70	15	91	6 07	90	601	6 68
2 62	267	1,230	4 61	5	32	6 40	60	375	6 25
2 86	9	33	3 67		7	7 00	1	9	9 00
4 38	17	100	5 88	1	12	12 00	11	68	6 18
3 17	25	125	5 00	1	12	12 00	8	34	4 25
2 76	34	197	5 79	3	15	5 00	11	60	5 45
3 54	25	100	4 00				3	22	7 33
3 00	1	2	2 00				4	19	4 75
3 90	109	615	5 64	2	14	7 00	25	159	6 36
3 68	5	25	5 00				5	25	5 00
3 65	26	155	5 96	2	12	6 00	7	44	6 29
4 23	125	687	5 50	4	23	5 75	33	218	6 61
3 90	8	41	5 13				4	17	4 25
4 40	58	322	5 55	1	7	7 00	9	83	9 22
3 00	7	29	4 14				2	17	8 50
3 65	81	412	5 09	2	13	6 50	15	74	4 93
3 40	30	162	5 40				8	49	6 13
6 19	45	269	5 98	1	12	12 00	8	34	4 25
4 01	44	261	5 93				17	129	7 57
3 27	91	390	4 29	14	82	5 86	25	157	6 78
3 71	29	163	5 62	1	5	5 00	5	32	6 40
3 68	34	184	5 41	2	14	7 00	11	70	6 36
3 67	11	45	4 10				1	11	11 00
2 87	82	428	5 22				18	106	5 89
3 15	44	267	6 07	1	4	4 00	10	57	5 70
3 57	427	2,382	5 58	15	95	6 33	142	806	5 68
3 12	77	415	5 39				11	76	6 91
3 46	27	172	6 37				6	42	7 00
3 70	77	486	6 31	1	12	12 00	30	113	3 77
4 25	10	48	4 80				1	8	8 00
3 73	54	333	6 17	3	23	7 67	22	128	5 82
4 25	163	982	6 02	2	9	4 50	51	350	6 86
2 56	5	25	5 00	1	7	7 00	2	14	7 00
5 00	1	3	3 00				2	22	11 00

## SEX TABLE

## Duration of Marriage correlated

Caste or Religion of Husband	DURATION OF MARRIAGE						
	UNDER 10 YEARS			10 YEARS		BETWEEN 10	
	Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children	Number of children
1	2	3	4	5	6	7	8
<b>Urban Areas</b>							
1. Ahir	16	24	1.50	4	4	1.00	10
2. Balai	11	13	1.18	2	2	1.00	4
3. Banis	191	187	0.98	46	103	2.28	131
4. Baragi	6	9	1.50	—	—	—	12
5. Bhargi	35	48	1.37	9	24	2.67	19
6. Bhol	42	53	1.26	19	39	2.05	72
7. Brahman	602	619	1.03	123	263	2.15	471
8. Chamer	98	123	1.26	40	90	2.25	102
9. Chitpa	16	8	0.50	6	13	2.17	5
10. Darai	17	11	0.65	4	5	1.25	22
11. Dhobi	16	20	1.25	5	12	2.40	17
12. Gadariya	2	2	1.00	1	2	2.00	3
13. Ghori	18	22	1.22	13	30	2.31	24
14. Gujar	2	2	1.00	3	5	1.67	6
15. Gossain	—	—	—	—	—	—	1
16. Jat	—	—	—	1	1	1.00	—
17. Kachhi	107	123	1.15	25	63	2.60	103
18. Kalar	10	9	0.90	1	2	2.00	7
19. Kayastha	96	121	1.24	12	26	2.16	60
20. Khatik	24	27	1.12	11	22	2.00	20
21. Kher	12	10	0.83	2	4	2.00	11
22. Koli	65	71	1.09	24	42	1.75	75
23. Kumbhar	27	23	0.93	13	26	2.00	33
24. Kurmi	1	1	1.00	3	3	1.00	12
25. Lodhi	3	3	1.00	1	1	1.00	9
26. Lohar	36	21	0.59	7	13	1.89	10
27. Mali	10	8	0.80	4	10	2.30	15
28. Maratha	113	121	1.07	33	89	2.70	86
29. Mina	—	—	—	—	—	—	1
30. Nai	42	33	0.78	12	29	2.41	45
31. Rajput	96	98	1.02	20	34	1.60	91
32. Saharaya	1	—	—	—	—	—	—
33. Sonar	52	38	0.73	13	21	1.61	39
34. Tamboli	12	8	0.67	5	8	1.60	12
35. Teli	43	49	1.09	10	19	1.90	36
36. Muslim	556	675	1.21	122	273	2.24	492
37. Jain	11	15	1.36	—	—	—	1
38. Christian	9	19	2.11	2	5	2.50	9

## VII.—(concd)

## with Caste or Religion of Family.

## WITH PRESENT WIFE

AND 19		BETWEEN 20 AND 31		32			33 AND OVER		
Average number of children	Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children	Number of families	Number of children	Average number of children
10	11	12	13	14	15	16	17	18	19
2.70	8	31	3.88				1	7	7.00
4.25	7	30	4.39				1	9	9.00
3.37	143	797	5.57				30	197	6.57
3.33	5	16	3.20				1	9	9.00
4.05	15	82	5.47				3	19	6.33
3.61	72	302	5.44	2	19	9.50	8	61	7.63
3.45	437	2,606	5.94	12	42	3.50	150	690	1.60
3.29	111	589	5.31				5	38	7.60
4.20	5	25	5.00				1	4	4.00
2.82	15	70	4.67				5	26	5.20
3.18	18	93	5.17						
1.33	1	6	6.00				1	2	2.00
3.46	26	131	5.04				1	7	7.00
2.50	2	5	2.50						
3.00	2	12	6.00						
	1	6	6.00						
3.10	93	437	4.70	1	10	10.00	15	96	6.40
3.57	10	49	4.90				2	20	10.00
4.07	58	303	5.17	2	10	5.00	27	174	6.44
3.15	15	84	5.60				1	7	7.00
2.64	12	49	4.08						
3.12	125	661	5.29				9	77	8.56
2.93	34	195	5.74				6	36	6.00
2.42	6	35	5.83				1	10	10.00
3.67	3	12	4.00						
4.10	17	68	4.00				3	22	7.33
2.47	13	65	5.00	1	3	3.00	3	19	6.33
3.22	81	385	4.75	4	28	7.00	16	95	5.94
2.00									
3.33	40	229	5.73				7	34	4.86
3.47	75	363	4.84				8	63	7.88
3.54	39	187	4.67	1	7	7.00	2	15	7.50
2.83	8	41	5.13						
3.86	20	107	5.35				2	13	6.50
3.56	501	2,605	5.20	10	38	3.80	86	527	6.13
6.00	4	19	4.75						
3.22	6	25	4.17				2	7	3.50

## CHAPTER VI.

### CIVIL CONDITION

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#### I. Introductory

General.

79 The census term 'civil condition' means and includes persons married, unmarried and widowed.

The instructions to the enumerators were that persons recognised by custom as married should be entered as married though they had not gone through the proper ceremony. The divorced were to be entered as widowed. The practice of early marriage is still very common in this country but it is to be remembered that in the case of a large number of such marriages cohabitation is seldom contemporaneous with marriage. Among the Hindus, at any rate, who form approximately nine-tenths of the population of the State, the marriage of a child means nothing more than irrevocable betrothal. The girl-wife generally lives with her parents until she has had her first menses and in many cases a second ceremony takes place before co-habitation commences. The record of marital conditions is thus incomplete for want of exact information of the ages of women at co-habitation, but it is obviously impossible to collect information on such a point.

Statistics.

80 Imperial Table VII shows for the whole population and for each main religion the number of unmarried, married and widowed persons of various ages while for certain castes similar information is found in Imperial Table VIII. The five Subsidiary Tables at the end of this chapter exhibit in proportional form the salient features of these statistics.

#### II Civil Condition.

General.

81 Of the 3,522,070 persons enumerated in the Gwalior State in 1931 1,416,646 were returned as unmarried, 1,683,673 as married and 422,751 as widowed. Among the unmarried there were 631 females to 1,000 males the number of husbands enumerated in the State, exceeded the number of wives by 20,239 and was in the proportion of 1,024 husbands to 1,000 wives, and the number of widows was 231,758 as compared with 140,993 widowers. In 1931 to every 1,000 unmarried males of all ages there were 607 unmarried females husbands exceeded the wives by 19,513 and were in the proportion of 1,027 to 1,000 and the widows numbered 297,768 against 138,216 widowers.

The proportions of unmarried, married and widowed persons per 1,000

of each sex living at all ages at all the censuses since 1901 are shown in the following table

Civil Condition	MALES				FEMALES			
	1901	1911	1921	1931	1901	1911	1921	1931
Unmarried	466	456	476	468	296	303	326	328
Married	451	473	431	456	486	506	475	502
Widowed	83	71	93	76	218	191	199	170

The 1921 figures are abnormal, because, firstly, the influenza mortality increased the proportion of the widowed, and, secondly the high level of prices and the occurrence of the 'Sinhasth' year, which terminated two months after the census, must both have tended to reduce the number of marriages towards the end of the previous decade. The proportion of the unmarried of both sexes was therefore higher in 1921 than the corresponding figures for 1901 and 1911. The apparent rise in 1931 is obviously due to the relatively high proportion of female children of unmarriageable age. Similarly, the decrease in the proportion of the widowed is attributable to the relatively low proportion of old persons at this census.

82 The most striking fact brought out by the statistics is the prevalence of marriage. Of the total community, more than half the males are or have been married, while the proportion of females, who have never been married, is approximately one-third. Again, of those who have not been married nearly 95 per cent of the females are of unmarriageable age (under 15 years), and less than 14 per cent of the males are over 20 years of age. The diagram opposite illustrates graphically this peculiarity of the statistics of civil condition. The difference between Eastern and Western people in this respect can be seen from the inset

Universality of Marriage

Married and Widowed Females per mille at 15-45			
Gwalior		969	
England and Wales	1921	515	
India	— 1921	945	

83 Another noticeable feature brought out by the figures in Subsidiary Table IV is that at each period there is a far larger proportion of unmarried males than of unmarried females. To every 1,000 unmarried males of all ages there are only 621 unmarried females. This is out of all proportion to the ratio of sexes in the State, which is 887 females to 1,000 males. If we assumed that every male was to have only one wife, 210,992 males in the State or approximately 11 per cent of them would have either to go without wives or to marry females who were yet unborn. But, as a matter of fact, after deducting the unmarried females from the unmarried males, there is still a balance of 331,518 unmarried males or 18 per cent of total males, for whom no unmarried females are available. This state of affairs is to a great extent due to the prohibition of widow re-marriage. To every 1,000 widowers there are approximately 2,000 widows. These figures make it plain that

Proportion of Unmarried Sexes



enforced widowhood is the real thin end of the wedge the deeper it goes the keener the competition for wives and the more the room for the early marriage of girls.

84 It will be seen from Subsidiary Table IV that in the Gwalior State as a whole there are on the average 975 wives to 1 000 husbands, the defect being principally due to male immigration. In the different Natural Divisions we find that the Hilly tract stands first with 1,028 wives to 1 000 husbands. This is due no doubt to the prevalence of polygamy among the Bhils. Next comes Northern Plateau with 989 followed by Southern Plateau with 985 wives to 1,000 husbands. The Plain Division has the smallest proportion of wives—only 953 to 1 000 husbands. This is entirely due to the presence of large towns in the Division.

Taking the figures by religion the Hinduised Tribes show the highest proportion of females (1,021) and Sikhs the lowest (695). The low proportion of wives among Jains and Muslims is due to the preponderance of male immigrants among them.

85 The effect of the famine of 1899 1900 is seen in the highest proportion of widows in 1901 while the effect of the influenza selection of females is reflected in the highest proportion of widowers in 1921. At this census there has been a fall in the proportion of widowers from 98 to 76 and in that of widows from 199 to 170 per mille.

### III Distribution of Civil Condition by Locality and Religion.

86 The next two tables summarise the civil condition of 1,000 persons of each sex in each of the Natural Divisions and main religions.

#### Distribution by Civil Condition of 1 000 Persons of each Sex for each Natural Division

Civil Condition	State	Plain	Northern Plateau	Southern Plateau	Hilly
<b>Persons</b>					
Unmarried —	402	414	422	371	449
Married —	478	459	469	506	453
Widowed —	120	127	109	123	98
<b>Males</b>					
Unmarried —	468	480	489	437	500
Married —	455	431	448	491	445
Widowed —	76	89	63	72	55
<b>Females</b>					
Unmarried —	328	333	348	299	397
Married —	502	494	492	523	461
Widowed —	170	173	160	178	142

### Distribution by Civil Condition of 1,000 Persons of each Sex in each Main Religion.

Civil Condition	All Religions	Hindu	Muslim	Jain	Hinduised Tribal
<b>Persons</b>					
Unmarried .	402	400	421	406	478
Married .	476	479	473	438	446
Widowed .	120	121	106	156	76
<b>Males</b>					
Unmarried	468	468	471	480	515
Married	456	457	458	419	435
Widowed	76	75	71	101	50
<b>Females</b>					
Unmarried	328	325	363	321	440
Married	502	504	491	460	457
Widowed	170	171	146	219	103

One noticeable feature of the first table is that the figures of the Hilly Division are quite different in character from those of the other three Divisions. The former tract exhibits an exceptionally high proportion of the unmarried and an abnormally low proportion of the widowed of both sexes. This is no doubt due to the fact that among the primitive Hinduised Tribes, which dominate this tract, the proportion of children is relatively high and the re-marriage of widows is not prohibited. Turning to the other Divisions, we find that the ratio of the married of either sex is the highest in the Southern Plateau, while the lowest ratio of married males is found in the Plain. The highest proportion of widowed males is found in the Plain and that of widowed females in the Southern Plateau.

As regards religions, we find that the highest ratio of married males is found among the Muslims and that of married females among the Hindus, while the lowest proportion of married males is found among the Jains and that of married females among the Hinduised Tribes. The highest proportion of the widowed of either sex is found among the Jains and the lowest among the Hinduised Tribal. The case of the Jain community is exceptional. While of the Hindu and Musalman communities each embraces classes and sects among whom re-marriage of widows is not forbidden, the Jains are a class apart, rigidly adhering to enforced widowhood in its extreme form.

#### IV Civil Condition by Age-Periods

87. I am afraid it is not possible on this occasion to discuss the figures of civil condition by age periods. This is because so far as the distribution of the different civil conditions is concerned, the alternate ternary and septenary groups, from which the final quinary groups, shown in Imperial Table VII, have been deduced, are not themselves homogeneous. In

other words, within the ternary and septenary groups of persons of different civil conditions, the distribution by single year or smaller age-periods being not proportionately the same, the resultant adjusted quinary age-groups must perforce be faulty. Thus in the adjusted groups of all the civil conditions at ages 5-10 and 10-15 there will always be an unduly large number of married persons, who should have gone into the groups 10-15 and 15-20 respectively because in the septenary age-group 7-13 there will naturally be more married persons at the 13 end than at the 7 end. The result will be an inflation of married persons in the group 5-10. The following table illustrates the point.

**Distribution of Civil Condition of 1 000 Persons of each Sex at Certain Ages.**

Civil Condition	0-5		5-10		10-15	
	Males	Females	Males	Females	Males	Females
Unmarried --	988	974	980	784	822	529
Married	11	22	66	207	169	458
Widowed --	1	4	4	9	9	18
Unmarried	988	976	980	878	812	418
Married	10	21	37	114	179	525
Widowed	1	3	3	8	9	20

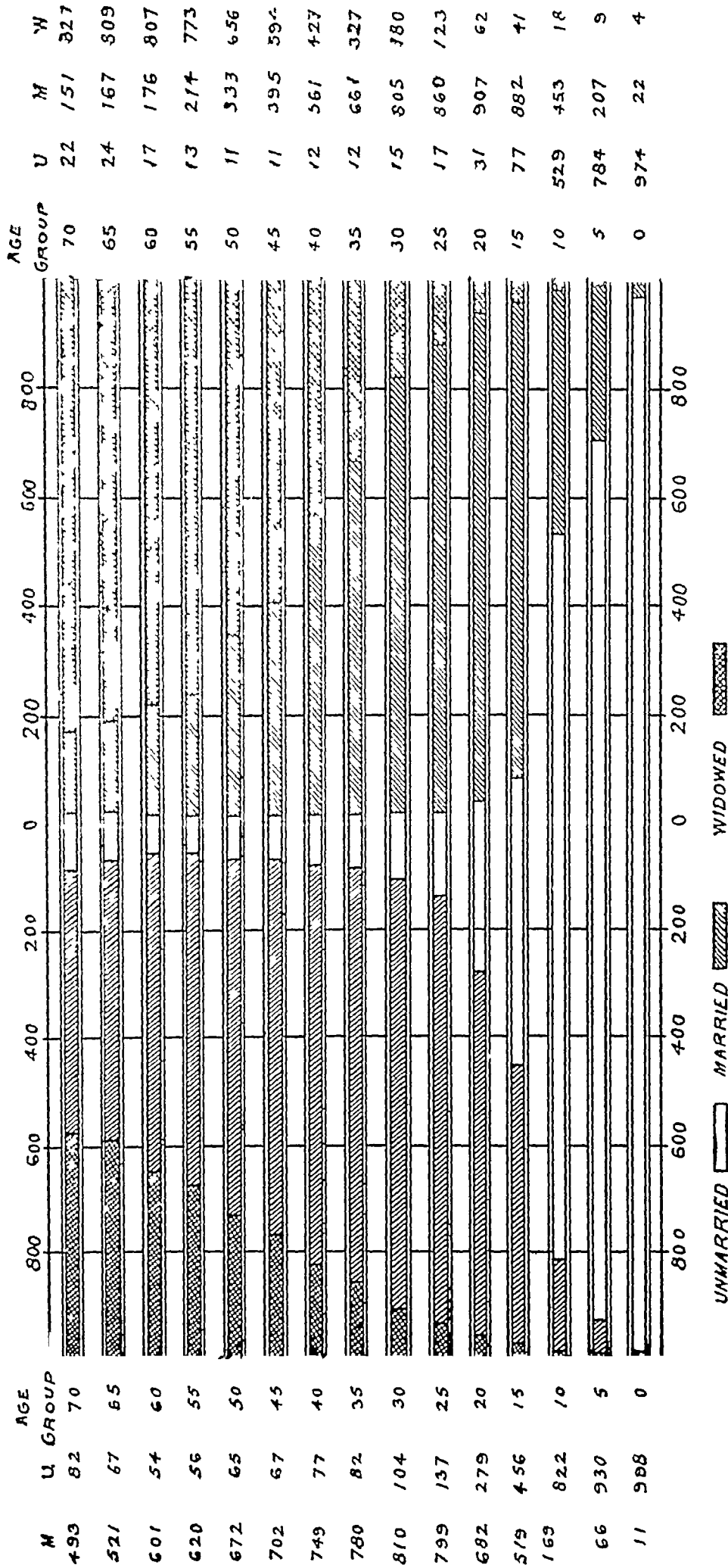
In this table the figures in the first three lines have been abstracted from the adjusted quinary groups in Subsidiary Table I and the last three from Subsidiary Table I A. The proportions in the latter table have been deduced from figures for individual ages, which have on this occasion been specially sorted, compiled and adjusted to age last birthday up to the age 15. The figures in italics demonstrate the extent to which the system of age adjustment, followed at this census, has affected the proportions in these age-periods. There is no doubt that the subsequent age-periods also have been similarly affected.

One thing is quite certain. The figures for juvenile marriages in Subsidiary Table I are entirely misleading. They suggest that among all religions there has been an enormous increase in the marriages of children of ages 5-10, but as a matter of fact that proportion is the lowest at this census. This is quite clear from Subsidiary Table I-A. The fact that recent legislation against child-marriage should have had no effect in hastening on the marriages of immature persons towards the close of the past decade may easily be taken as affording an indication of the existence of a general feeling in favour of later marriage. But it is, I think too early yet to deduce such a conclusion. For the moment, the

# PROPORTION OF UNMARRIED MARRIED AND WIDOWED MALES AND FEMALES PER 1000 LIVING IN EACH AGE GROUP 1931

MALES  
PER 1000 LIVING

FEMALES  
PER 1000 LIVING



# CIVIL CONDITION BY CASTE

(CASTES)					FEMALES				
	U	M	W	0	200	400	600	800	
ANIR	340	491	169	ALL AGES					
	57	815	128	14 - 43	2 14-43	1 14-43			
BALAI	330	523	147	ALL AGES					
	59	827	114	14 - 43					
BANIYA	300	478	222	ALL AGES					
	29	801	170	14 - 43					
BHIL	374	532	94	ALL AGES					
	32	889	79	14 - 43					
BHILALA	473	421	106	ALL AGES					
	84	832	84	14 - 43					
BRAHMAN	317	466	217	ALL AGES					
	51	773	176	14 - 43					
BRAHMAN (D. K. 3000)	340	436	224	ALL AGES					
	36	782	182	14 - 43					
CHAMAR	359	493	148	ALL AGES					
	41	827	132	14 - 43					
GADARA	381	494	126	ALL AGES					
	49	828	123	14 - 43					
GUJAR	379	453	168	ALL AGES					
	75	799	166	14 - 43					
KACHHI	369	480	151	ALL AGES					
	59	812	129	14 - 43					
KAYASTHA	377	451	172	ALL AGES					
	55	783	162	14 - 43					
KIRAR	374	491	135	ALL AGES					
	73	811	118	14 - 43					
KOLI	352	499	149	ALL AGES					
	47	827	126	14 - 43					
LODHI	309	537	154	ALL AGES					
	44	833	123	14 - 43					
MARKTHA	321	461	218	ALL AGES					
	79	741	180	14 - 43					
MINA	368	495	137	ALL AGES					
	43	817	138	14 - 43					
NAI	325	509	166	ALL AGES					
	65	798	137	14 - 43					
RAJPUT (Brahman)	284	533	183	ALL AGES					
	107	721	172	14 - 43					
RAJPUT (Brahman)	279	492	229	ALL AGES					
	106	715	179	14 - 43					
RAJPUT (Brahman)	375	426	199	ALL AGES					
	142	685	193	14 - 43					
SAHARIYA	423	484	93	ALL AGES					
	48	865	87	14 - 43					

UNMARRIED. -- ☐

MARRIED. -- ☐

WIDOWED. -- ☐

economic depression appears to be a considerable factor in reducing the proportion of early marriages

### V Civil Condition by Certain Castes.

88 The castes selected are 29 in number and represent almost every stratum of society. Subsidiary Table V shows the distribution of unmarried, married and widowed persons at certain unadjusted age periods. The diagram opposite illustrates the civil condition of the females in certain of these castes

The statistics given in the above table are important as throwing light on the varying incidence of early marriage and the re-marriage of widows in different castes

**Males**—Amongst males the proportion of married under 7 is highest amongst Beragis (19), Rajputs Bhaduriya (37), Telis (37), Chamars (34), Balais (33) and Mirdhas (32), it is lowest amongst Dakshini Brahmans (8), Kayasthas (9), Kirars (10), Ahirs (12) and Lodhis, Chauhan Rajputs and Sondhiyas (13). In the next age category some of the castes with the highest figure for married males under 7, for instance, Beragi, Bhadauriya Rajputs, Teli and Mirdha drop out of their position, their places being taken by Balais, Kumbhars, Gadariyas and Kachhwaha Rajputs. The castes with the lowest figure for married males at these ages are Dakshini Brahmans, Kayasthas, Raghubans and Tonwar Rajputs, Sahariyas and Mirdhas. In subsequent age periods the highest proportion of unmarried males is found among the Chauhan Rajputs, only the Kayasthas surpassing them in the age period 17-23. The lowest proportion of males left unmarried in the last age category (44 years and over) is found among the Bhils. Widowers in adult and mature age categories are most numerous amongst the Tonwar Rajputs and least numerous amongst the Hinduised Tribes

**Females**—The highest proportion of married females in the first age category is found among the Beragis and Minas and the lowest among the Kachhwaha Rajputs. In the second age category, the proportion is the highest among the Balais and the lowest among the Bhilalas. In the group 14-16 married females are most numerous among the Bhils (860), next come Banias (859), then Dakshini Brahmans (835) and then Sahariyas (834) and last of all Tonwar Rajputs with 615. The proportion of unmarried females in the adult and mature age groups are to be found among the Rajputs. It will be noticed that while in most cases, the figures are usually high or low for both sexes together there are several castes, which with a high figure for males have a low one for females or *vice versa*. Thus though infant marriage for boys is uncommon among Kayasthas, Kirars, Ahirs, Lodhis, Chauhan Rajputs and Sondhiyas, yet their girls are much more frequently married young, whilst the contrary is the case among Bhils, Chamars and Kachhwaha Rajputs. As regards re-marriage of widows, the figures of widows of marriageable age are low amongst primitive Hinduised Tribes, Lodhis, Kachhis, Gadariyas, Gujars, Kirars, Kumbhars and Kolis. They are high amongst Brahmans, Banias, Rajputs, Kayasthas and Marathas

## SUBSIDIARY TABLE L

Distribution by Civil Condition of 1 000 of each Sex, Religion and Main Age-period at each of the last four Censuses.

Religion, Sex and Age	UNMARRIED				MARRIED				WIDOWED			
	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All Religions</b>												
<i>Males</i>												
All Ages	462	476	455	466	456	431	475	451	76	93	71	83
0—5	988	975	969	985	11	23	29	11	1	2	2	1
5—10	930	953	933	937	66	43	65	60	4	4	2	3
10—15	822	817	779	775	169	170	212	215	9	15	9	12
15—20	456	512	551	505	519	428	427	458	25	30	22	37
20—40	161	183	182	214	763	710	758	666	76	107	70	90
40—60	68	80	80	102	707	693	740	679	230	227	180	219
60 and over	65	73	68	167	555	549	571	478	380	378	361	355
<i>Females</i>												
All Ages	528	526	503	295	502	475	506	486	170	199	191	218
0—5	974	971	975	966	22	26	23	31	4	3	2	3
5—10	784	878	862	876	207	114	132	116	9	8	6	8
10—15	579	451	412	443	453	523	571	521	18	26	17	36
15—20	77	82	85	98	832	864	875	826	41	54	40	76
20—40	20	28	30	134	824	806	830	672	155	166	140	174
40—60	11	18	19	19	414	419	414	432	575	563	567	449
60 and over	20	14	13	15	167	132	137	168	813	854	850	819
<b>Hind</b>												
<i>Males</i>												
All Ages	468	473	55	469	437	431	474	450	75	96	71	81
0—5	989	974	969	988	10	24	30	11	1	2	1	1
5—10	928	931	932	941	64	45	66	56	4	4	2	3
10—15	818	808	772	767	173	18	219	222	9	14	9	11
15—20	449	530	546	490	526	439	432	474	25	31	22	36
20—40	159	184	190	218	765	706	739	695	76	110	71	87
40—60	70	82	81	105	699	683	737	679	231	235	182	218
60 and over	66	76	68	184	551	537	569	451	383	387	363	352

SUBSIDIARY TABLE I—(contd)

Distribution by Civil Condition of 1,000 of each Sex, Religion and Main Age-period at each of the last four Censuses

Religion, Sex and Age	UNMARRIED				MARRIED				WIDOWED			
	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Females</i>												
All Ages	325	318	299	290	504	477	508	490	171	205	193	220
0—5	974	971	977	970	23	26	21	28	3	3	2	2
5—10	779	871	858	876	211	120	136	118	10	9	6	6
10—15	522	426	399	405	460	547	584	559	18	27	17	35
15—20	74	71	78	81	885	874	882	843	41	55	40	76
20—40	18	27	27	170	824	801	831	661	158	172	142	169
40—60	10	17	16	19	411	410	412	436	579	573	572	545
60 and over	19	12	12	11	165	126	132	165	816	862	856	824
<i>Muslim</i>												
<i>Males</i>												
All Ages	471	467	456	446	458	450	473	461	71	83	71	93
0—5	986	973	981	993	12	21	17	5	2	6	2	2
5—10	950	963	945	970	46	31	52	26	4	6	3	4
10—15	877	880	862	870	115	113	126	114	8	7	12	16
15—20	540	623	630	667	439	354	342	291	21	23	28	42
20—40	174	197	214	191	755	715	718	708	71	88	68	101
40—60	41	58	52	115	766	759	795	686	193	183	153	199
60 and over	33	39	50	43	619	632	612	691	348	329	338	266
<i>Females</i>												
All Ages	363	357	334	322	491	470	490	478	146	173	176	200
0—5	969	971	933	925	25	25	57	59	6	4	10	16
5—10	841	919	889	897	150	73	102	80	9	8	9	23
10—15	622	622	567	604	364	358	419	356	14	20	14	40
15—20	129	138	166	202	839	826	794	730	32	36	40	68
20—40	41	48	70	50	842	829	813	784	116	123	117	166
40—60	24	27	47	35	469	475	449	417	507	498	504	548
60 and over	23	34	29	53	216	169	205	134	761	797	766	813



## SUBSIDIARY TABLE I.—(contd.)

Distribution by Civil Condition of 1,000 of each Sex, Religion and Main Age-period at each of the last four Censuses.

Religion, Sex and Age	UNMARRIED				MARRIED				WIDOWED			
	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Hindu</b>												
<b>Male</b>												
All Ages —	515	522	489	455	435	430	479	454	50	48	32	91
0—5 —	978	986	941	989	19	13	38	10	3	1	1	1
5—10 —	946	970	925	878	48	28	69	119	6	2	6	3
10—15 —	844	880	832	774	145	115	165	209	11	7	5	17
15—20 —	431	635	575	542	548	340	411	408	21	25	14	50
20—40 —	148	120	156	174	799	813	814	708	53	67	30	118
40—60 —	31	33	85	66	811	848	814	702	158	119	101	232
60 and over	14	40	73	50	665	733	686	621	321	227	241	329
<b>Female</b>												
All Ages —	440	451	383	347	437	440	496	450	103	109	121	203
0—5 —	982	978	981	960	14	19	16	39	4	3	3	1
5—10 —	884	938	932	865	113	57	63	122	3	5	5	15
10—15 —	654	696	602	637	341	290	384	315	5	14	14	48
15—20 —	153	41	139	177	810	721	818	742	37	38	23	51
20—40 —	43	35	43	49	868	882	886	725	89	83	71	236
40—60 —	35	21	48	20	539	573	458	412	426	406	494	568
60 and over	6	21	24	15	226	216	177	274	768	764	799	711
<b>Jain</b>												
<b>Male</b>												
All Ages —	480	494	469	453	419	385	422	433	101	121	109	114
0—5 —	983	986	988	981	13	13	11	11	2	1	1	8
5—10 —	948	979	969	953	48	18	29	37	4	3	2	10
10—15 —	886	913	861	832	106	80	131	152	8	7	8	16
15—20 —	564	640	576	608	415	337	401	361	21	23	23	31
20—40 —	235	256	254	256	687	630	649	647	78	114	97	97
40—60 —	114	163	133	139	601	561	618	588	285	286	249	273
60 and over	92	121	99	96	488	439	444	492	420	440	437	412

SUBSIDIARY TABLE I—(contd.)

Distribution by Civil Condition of 1,000 of each Sex, Religion and Main Age-period at each of the last four Censuses

Religion, Sex and Age	UNMARRIED				MARRIED				WIDOWED			
	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Females</i>												
All Ages	321	295	223	258	160	450	469	478	219	255	243	264
0—5	973	937	975	973	20	54	21	13	7	9	4	14
5—10	878	882	895	874	115	102	95	115	7	16	10	11
10—15	628	427	435	413	352	553	529	560	20	20	36	27
15—20	66	54	71	87	875	872	859	842	59	74	70	71
20—40	22	57	49	21	771	705	729	747	207	238	222	232
40—60	16	32	27	13	373	334	395	340	611	634	578	647
60 and over	6	32	13	5	124	97	150	90	870	871	837	905
<i>Christian</i>												
<i>Males</i>												
All Ages	505	704	485	572	451	271	460	345	44	25	25	83
0—5	988	972	1,000	1,000	12	28			—			
5—10	969	1,000	1,000	979	31			21	—			
10—15	966	974	1,000	956	34	26		44				
15—20	833	976	636	829	167	24	318	143			46	28
20—40	271	635	341	333	681	351	616	510	48	14	43	157
40—60	61	89	86	85	842	786	810	746	97	125	104	169
60 and over		131	238		783	652	524	923	217	217	238	77
<i>Females</i>												
All Ages	579	486	408	640	348	424	486	316	73	90	106	44
0—5	1,000	998	1,000	1,000		2						
5—10	963	989	964	1,000	37	11						
10—15	972	914	833	983	28	86	167	17				
15—20	600	581	500	667	386	387	467	333	14	32	33	
20—40	251	109	128	131	704	851	804	822	45	40	68	47
40—60	100	55	205	102	600	534	658	814	300	411	237	184
60 and over	59			71	294	187	154	500	647	813	846	429

## SUBSIDIARY TABLE L—(contd.).

Distribution by Civil Condition of 1,000 of each Sex, Religion and Main Age-period at each of the last four Censuses.

Religion, Sex and Age	UNMARRIED				MARRIED				WIDOWED			
	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Others</b>												
<i>Males</i>												
All Ages ...	547	478	531	335	383	467	431	467	70	55	38	191
0—5 ...	1,000	939	1,000	1,000	—	61	—	—	—	—	—	—
5—10 ...	1,000	873	950	1,000	—	127	50	—	—	—	—	—
10—15 ...	966	864	941	333	—	136	59	667	34	—	—	—
15—20 ...	805	578	667	500	167	422	333	500	28	—	—	—
20—40 ...	342	377	220	—	604	565	680	833	54	58	100	167
40—60 ...	165	212	—	—	687	673	1,000	400	148	115	—	600
60 and over	145	187	—	—	470	469	1,000	—	381	344	—	—
<i>Females</i>												
All Ages ...	475	591	563	400	405	488	598	400	122	121	39	200
0—5 ...	1,000	1,000	941	1,000	—	—	59	—	—	—	—	—
5—10 ...	965	846	1,000	—	—	154	—	—	35	—	—	—
10—15 ...	857	638	909	—	145	362	9	—	—	—	—	—
15—20 ...	409	267	714	—	568	733	285	—	25	—	—	—
20—40 ...	215	181	189	—	685	743	757	1,000	102	76	54	—
40—60 ...	161	45	—	—	500	597	857	—	359	358	143	1,000
60 and over	118	130	—	—	294	131	750	—	538	799	250	—

NOTE.—(1) Figures for 1891 are not available.

(2) Others include figures for Sikhs and Zoroastrians.

SUBSIDIARY TABLE I.—(a)

Distribution by Civil Condition of 1,000 of each Sex, Religion and Main Age-period at each of the last four Censuses

Religion, Sex and Age	UNMARRIED				MARRIED				WIDOWED			
	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All Religions</b>												
<i>Males</i>												
All Ages	468	476	456	466	456	431	473	451	76	93	71	83
0—5	989	975	969	988	10	23	29	11	1	2	2	1
5—10	960	953	933	937	37	43	65	60	3	4	2	3
10—15	812	817	779	773	179	170	212	215	9	13	9	12
<i>Females</i>												
All Ages	328	326	303	296	502	475	506	486	170	199	191	218
0—5	976	971	975	966	21	26	23	31	3	3	2	3
5—10	878	878	862	876	114	114	132	116	8	8	6	8
10—15	415	451	412	443	565	523	571	521	20	26	17	36
<b>Hindu</b>												
<i>Males</i>												
All Ages	468	473	455	469	457	431	474	450	75	96	71	81
0—5	989	974	969	988	10	24	30	11	1	2	1	1
5—10	960	951	932	941	37	45	66	56	3	4	2	3
10—15	807	808	772	767	184	178	219	222	9	14	9	11
<i>Females</i>												
All Ages	325	318	299	290	504	477	508	490	171	205	193	220
0—5	977	971	977	970	20	26	21	26	3	3	2	2
5—10	875	871	858	876	118	120	136	118	7	9	6	6
10—15	404	426	399	406	576	547	584	559	20	27	17	35
<b>Muslim</b>												
<i>Males</i>												
All Ages	471	467	456	446	458	450	473	461	71	83	71	93
0—5	988	973	981	993	11	21	17	5	1	6	2	2
5—10	968	963	945	970	29	31	52	26	3	6	3	4
10—15	877	880	862	870	116	113	126	114	7	7	12	16

## SUBSIDIARY TABLE L—(a)—(contd.)

Distribution by Civil Condition of 1 000 of each Sex, Religion and Main Age-period at each of the last four Censuses

Religion, Sex and Age	UNMARRIED				MARRIED				WIDOWED			
	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Females</i>												
All Ages	363	357	334	322	491	470	490	478	146	173	176	200
0-5	972	971	933	925	22	25	57	99	6	4	10	16
5-10	909	919	889	897	84	73	103	80	7	8	9	23
10-15	546	622	567	604	439	358	419	356	15	20	14	40
<i>Hinduised Tribes</i>												
<i>Males</i>												
All Ages	515	522	489	455	435	430	479	444	50	48	32	91
0-5	983	986	941	989	15	13	58	10	2	1	1	1
5-10	963	970	925	878	30	28	69	119	7	2	6	3
10-15	934	880	833	774	156	113	165	209	10	7	3	17
<i>Females</i>												
All Ages	440	451	383	347	457	440	496	450	103	109	121	203
0-5	983	978	981	960	14	19	16	39	3	3	3	1
5-10	946	938	932	865	51	57	63	122	3	3	5	13
10-15	588	696	602	637	403	290	384	315	9	14	14	48
<i>Jain</i>												
<i>Males</i>												
All Ages	480	494	469	453	419	385	422	453	101	121	109	114
0-5	986	986	988	981	11	13	11	11	3	1	1	8
5-10	957	979	969	953	39	18	29	37	4	3	2	10
10-15	894	913	861	832	101	80	131	152	5	7	8	16
<i>Females</i>												
All Ages	321	293	228	253	460	450	469	478	219	255	243	264
0-5	973	937	975	973	19	64	21	13	6	9	4	14
5-10	906	882	895	874	33	10	95	115	4	16	10	11
10-15	562	437	433	413	424	553	529	560	14	20	36	27

SUBSIDIARY TABLE I—(a)—(concl'd)

Distribution by Civil Condition of 1,000 of each Sex, Religion and Main Age-period at each of the last four Censuses.

Religion, Sex and Age	UNMARRIED				MARRIED				WIDOWED			
	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Christian</b>												
<i>Males</i>												
All Ages	505	704	485	572	451	271	460	345	44	25	25	83
0—5	1,000	972	1,000	1,000		28			—			
5—10	967	1,000	1,000	979	33			21				
10—15	1,000	974	1,000	956		26		44				
<i>Females</i>												
All Ages	579	486	403	640	348	524	486	316	73	90	106	44
0—5	1,000	998	1,000	1,000	—	—						
5—10	949	989	964	1,000	51	11	26					
10—15	864	914	833	933	136	86	167	17				
<b>Others</b>												
<i>Males</i>												
All Ages	547	478	531	333	383	467	431	467	70	55	38	191
0—5	986	939	1,000	1,000	7	61			7			
5—10	971	873	950	1,000	7	127	50		24			
10—15	—	952	864	941	333	36	136	59	667	12	—	—
<i>Females</i>												
All Ages	473	391	563	400	405	488	398	400	122	121	39	200
0—5	963	1,000	941	1,000	19		59		18	—		
5—10	938	846	1,000		31	154			31			
10—15	737	638	909		253	362	9		10			

NOTE 1—See paragraph 9

NOTE 2—The 1931 figures in this table have been adjusted to age last birthday to make them comparable with the corresponding figures for the previous censuses. Thus of the numbers unmarried, married and widowed actually returned as living at age 10, half have been retained in the age group 5-10 and the other half have been transferred to the upper group 10-15. Similarly, of the number in each civil condition actually returned as living at age 15, only half have been retained in the age group 10-15 and the remaining half have been left over as belonging to the upper group 15-20.

## SUBSIDIARY

Distribution by Civil Condition of 1,000 of each Sex at certain

Religion and Natural Division	ALL AGES			0-5		
	Unmarried	Married	Widowed	Unmarried	Married	Widowed
1	2	3	4	5	6	7
<b>Gwalder State</b>						
All Religions --	468	456	76	988	11	1
Hindu --	468	457	75	989	10	1
Arya --	473	451	74	977	12	11
Hindooised Tribal --	515	435	50	978	19	3
Muslim --	471	458	71	956	12	2
Jain --	480	419	101	985	13	2
Christian --	505	451	44	988	12	--
Sikh --	558	368	74	1,000	--	--
Zoroastrian --	490	458	52	1,000	--	--
<b>(Plate.)</b>						
All Religions --	480	431	89	992	7	1
Hindu --	481	430	89	992	7	1
Muslim --	475	448	77	992	8	--
Jain --	473	401	126	988	6	6
Others --	507	423	65	1,000	--	--
<b>Northern Plateau</b>						
All Religions --	489	448	63	991	8	1
Hindu --	488	449	63	991	8	1
Muslim --	508	427	65	967	13	--
Jain --	514	394	92	985	14	1
Others --	523	436	41	963	31	6
<b>Southern Plateau</b>						
All Religions --	437	491	72	982	16	2
Hindu --	434	494	72	982	16	2
Muslim --	459	472	69	984	14	2
Jain --	464	438	98	983	16	1
Others --	480	462	58	980	15	5
<b>Hilly</b>						
All Religions --	500	445	55	12	987	1
Hindu --	499	446	55	989	10	1
Hindooised Tribal --	533	419	48	978	19	3
Muslim --	474	470	56	967	29	4
Jain --	512	437	51	982	9	9
Others --	414	517	69	1,000	--	--

TABLE II.

Age-periods in each Religion and Natural Division (Males)

5-10			10-15			15-40			40 AND OVER		
Unmarried	Married	Widowed	Unmarried	Married	Widowed	Unmarried	Married	Widowed	Unmarried	Married	Widowed
8	9	10	11	12	13	14	15	16	17	18	19
930	66	4	822	169	9	230	706	61	56	676	68
928	68	4	818	173	9	227	708	65	669	674	257
954	23	23	880	98	22	260	650	90	66	796	138
946	48	6	844	145	11	220	735	45	28	784	188
950	45	4	877	115	8	250	684	59	40	736	22
948	48	4	886	106	8	306	628	66	110	579	311
959	31		966	34		366	594	40	51	832	117
1,000			961		39	414	525	61	136	670	191
1,000			1 000			429	571		242	606	15
932	64	4	829	162	9	258	688	74	90	60	
931	65	4	825	166	9	256	75	669	93	60	
962	36	2	897	100	3	279	655	66	44	715	
948	44	8	864	123	13	302	615	83	131	494	3
948	16		982	18		377	583	40	91	707	
956	41	3	849	144	7	228	714	58	60	714	226
956	41	3	847	146	7	224	718	58	60	716	224
963	34	3	906	91	3	311	637	52	58	712	230
939	61		886	110	4	317	614	69	121	575	304
953	31	16	820	164	16	211	765	24	34	771	195
904	91	5	790	200	10	201	740	59	53	714	233
899	95	6	782	208	10	196	745	59	55	712	233
938	56	6	855	132	13	227	716	57	33	752	215
949	47	4	894	100	6	296	645	59	93	613	294
933	64	3	806	180	14	228	713	59	60	773	167
952	46	2	855	141	4	217	731	52	32	771	197
951	47	2	850	146	4	213	735	52	30	769	201
953	39	8	871	115	14	217	733	50	16	817	167
961	39		911	84	5	249	700	51	33	791	176
981	19		937	54	9	376	599	25	138	688	174
1,000			1,000			286	714		125	625	250



## SUBSIDIARY

Distribution by Civil Condition of 1,000 of each Sex at certain

Religion and Natural Division	ALL AGES			0-5		
	Unmarried	Married	Widowed	Unmarried	Married	Widowed
1	2	3	4	5	6	7
<b>Gwalter State</b>						
All Religions ...	328	502	170	974	22	4
Hindu ...	325	504	171	974	23	5
Arya ...	435	442	123	950	25	25
Hinduised Tribal ...	440	457	103	982	14	4
Muslim ...	363	491	146	969	25	6
Jain ...	321	460	219	973	20	7
Christian ...	579	548	73	1,000	—	—
Sikh ...	379	485	163	1,000	—	—
Zoroastrian ...	629	275	98	1,000	—	—
<b>Pisalo</b>						
All Religions ...	333	494	173	989	9	2
Hindu ...	332	493	175	989	9	2
Muslim ...	362	496	142	984	15	1
Jain ...	313	463	224	981	17	2
Others ...	448	463	89	1,000	—	—
<b>Northern Plateau</b>						
All Religions ...	348	492	160	975	20	5
Hindu ...	347	494	159	976	19	5
Muslim ...	373	470	157	938	27	15
Jain ...	344	444	212	954	28	18
Others ...	438	471	91	957	25	18
<b>Southern Plateau</b>						
All Religions ...	299	523	178	958	38	4
Hindu ...	293	527	180	957	39	4
Muslim ...	361	492	147	965	28	7
Jain ...	314	468	218	976	20	4
Others ...	407	470	123	984	14	2
<b>Hilly</b>						
All Religions ...	397	461	142	979	18	3
Hindu ...	395	461	143	981	17	2
Hinduised Tribal ...	484	421	95	982	14	4
Muslim ...	356	496	138	942	54	4
Jain ...	330	431	239	984	2	2
Others ...	270	514	216	1,000	—	—

TABLE II.—(contd)

Age-periods in each Religion and Natural Division (Females)

5—10			10—15			15—40			40 AND OVER		
Unmarried	Married	Widowed	Unmarried	Married	Widowed	Unmarried	Married	Widowed	Unmarried	Married	Widowed
8	9	10	11	12	13	14	15	16	17	18	19
784	207	9	529	453	18	34	838	128	13	364	623
779	211	10	522	460	18	31	839	130	12	362	626
863	112	5	747	240	13	102	769	129	45	539	416
884	113	3	654	341	5	72	853	75	30	487	483
841	150	9	622	364	14	62	842	96	24	411	565
878	115	7	628	352	20	31	704	175	14	323	663
963	37		972	28		349	615	36	93	546	361
944		56	392	208		97	806	97	21	542	437
1,000			1,000			515	427	58	355	323	322
825	169	6	560	427	13	35	834	131	10	363	627
822	172	6	555	432	13	33	834	133	9	361	630
871	126	3	638	356	6	73	944	83	32	396	572
861	134	5	595	392	13	22	787	191	5	316	679
944	56		791	209		117	815	68	31	584	385
815	169	16	559	416	25	34	836	130	23	379	598
812	172	16	554	421	25	33	836	131	22	380	598
872	107	21	676	295	29	59	831	110	31	405	564
912	83	5	680	301	19	29	811	160	10	274	716
875	106	19	653	347		69	895	36	49	422	529
709	280	11	462	520	18	28	846	126	9	352	639
645	294	11	445	537	18	25	848	127	8	345	647
816	175	9	607	377	16	57	841	102	17	425	558
865	127	8	611	364	25	37	789	174	19	354	627
822	166	12	667	319	14	132	772	96	50	473	477
865	131	4	645	346	9	57	822	121	17	417	566
861	134	5	647	343	10	57	819	124	16	418	566
914	86		686	312	2	87	842	71	40	497	463
876	124		543	454	3	41	876	83	16	349	635
935	54	11	733	267		32	800	168	21	234	745
1,000			400	600		105	684	211		429	571

## SUBSIDIARY TABLE III

Distribution by Main Age-periods and Civil Condition  
of 10 000 of each Sex and Religion

Population	MALES			FEMALES		
	Unmarried	Married	Widowed	Unmarried	Married	Widowed
	2	3	4	5	6	7
All Religions						
All Ages	4,686	4,558	756	3,278	5 015	1 707
0—10	9,596	376	28	8,778	1 058	64
10—15	8,221	1 691	88	5,293	4,535	174
15—40	2,296	7,061	643	335	8,381	1,284
40 and over	680	6 763	2,557	130	3,643	6,227
Muslim						
All Ages	4,686	4,567	747	3,248	5 036	1,716
0—10	9,590	382	28	8 857	1 079	64
10—15	8,180	1 731	89	5,221	4 602	177
15—40	2,267	7 087	646	316	8,386	1,298
40 and over	691	6,739	2,570	123	3,616	6,261
Mission						
All Ages	4 708	4,575	717	3,627	4 917	1,456
0—10	9,691	283	26	9,122	806	72
10—15	8,771	1 148	81	6,243	3,637	140
15—40	2,566	6,840	594	621	8 418	961
40 and over	398	7,345	2,257	241	4 106	5,653
Jin						
All Ages	4,789	4 184	1 027	3,208	4,609	2,183
0—10	9,671	299	30	9,296	634	70
10—15	8,864	1 050	76	6,279	3 524	197
15—40	3,060	6,282	658	313	7,938	1 749
40 and over	1,099	5,786	3 115	140	3,233	6,627
Christians						
All Ages	5 046	4,507	446	5,789	3 478	733
0—10	9 796	204	—	9,840	160	—
10—15	9,661	339	—	9,722	278	—
15—40	3,634	5 944	402	3 494	6 145	561
40 and over	511	8,321	1 168	928	5 464	3,608
Others						
All Ages	5 467	3 826	707	4 738	4 045	1 217
0—10	10,000	—	—	9,832	—	108
10—15	9,655	—	345	8,571	1 429	—
15—40	4 171	5,336	493	2 631	6,550	819
40 and over	1 618	6 444	1,838	1,519	4,557	3 924

SUBSIDIARY TABLE IV.  
Proportion of Sexes by Civil Condition at certain Ages for Religions and Natural Divisions

Natural Division and Religion		NUMBER OF FEMALES PER 1 000 Males														
		All Ages			0-10			10-15			15-40			40 and over		
		Un married	Married	Widow ed	Un married	Married	Widow ed	Un married	Married	Widow ed	Un married	Married	Widow ed	Un married	Married	Widow ed
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Gwalior State</b>																
All Religions	631	975	1 998	865	5 633	2 161	543	2 261	1 068	126	1 032	1 735	171	478	2 102	
Hindu ( Brahmanic )	617	950	2 014	802	2 639	2 146	536	2 237	1 631	120	1 011	1 751	158	481	1 179	
Arya	826	884	1 400	1 089	4 003	1 667	691	2 009	500	394	1 189	1 435	364	301	1 609	
Hinduised Tribal	830	1 021	1 995	955	1 813	800	767	2 321	455	313	1 103	1 610	970	566	2 342	
Muslim	663	929	1 700	999	2 710	2 613	650	2 767	1 500	203	1 034	1 357	450	450	2 040	
Jain	576	948	1 856	906	3 000	2 292	587	2 756	2 142	88	1 078	2 210	98	437	1 693	
Christian	1 174	790	1 692	1 000	2 000		529	1 060		667	1 221	900	1 286	406	2 250	
Sikh	557	695	970	532			388			133	874	909	71	377	1 050	
Zoroastrian	1 915	886	2 800	2 357			1 671			1 914	1 203		1 373	500	2 000	
Plain																
All Religions	578	933	1 027	843	2 093	1 186	526	2 053	1 118	112	1 011	1 420	99	508	1 767	
Hindu	574	935	1 633	840	2 058	1 164	521	2 023	1 118	106	1 008	1 436	86	611	1 769	
Muslim	629	914	1 528	973	2 733	1 727	569	2 851	1 206	211	1 037	1 006	563	428	1 561	
Jain	573	1 008	1 545	979	2 848	555	500	2 607	777	64	1 108	1 980	32	497	1 408	
<b>Northern Plateau</b>																
All Religions	641	989	2 377	874	3 439	5 009	554	2 419	2 818	182	1 037	1 588	344	485	2 411	
Hindu	641	970	2 390	873	3 503	4 814	548	2 418	2 767	182	1 034	1 593	347	486	2 442	
Muslim	616	969	2 115	923	2 633	12 200	624	2 698	7 600	155	1 080	1 757	479	503	2 169	
Jain	565	949	1 914	859	1 289	15 060	594	2 120	3 333	80	1 096	1 861	46	384	1 943	
<b>Southern Plateau</b>																
All Religions	633	985	2 277	870	2 764	1 005	528	2 349	1 573	127	1 040	1 952	161	447	2 486	
Hindu	627	991	2 323	866	2 775	1 891	512	2 328	1 600	115	1 041	1 976	143	445	2 546	
Muslim	700	934	1 895	906	2 781	2 000	651	2 618	1 183	217	1 021	1 560	432	469	2 108	
Jair	585	991	1 932	888	2 112	2 500	596	3 183	3 000	109	1 058	2 540	162	456	1 691	
Hilly																
All Religions	786	1 086	2 570	956	2 466	2 049	751	2 434	2 136	262	1 122	2 335	521	514	2 730	
Hindu	789	1 036	2 601	912	2 528	2 452	754	2 331	2 787	270	1 132	2 412	511	520	2 723	
Hinduised Tribal	878	973	1 903	1 017	1 643	571	785	2 702	126	371	1 057	1 316	427	550	2 801	
Muslim	688	939	2 187	939	2 419	1 000	663	5 906	500	135	1 083	1 342	381	343	2 805	
Jain	510	824	3 923	991	9 000	2 000	600	3 833		65	1 031	5 250	129	292	3 666	

## SUBSIDIARY

Distribution by Civil Condition of 1 000 of each

Castes	DISTRIBUTION OF 1,000 MALES OF EACH AGE								
	0-6			7-13			14-16		
	Unmarried	Married	Widowed	Unmarried	Married	Widowed	Unmarried	Married	Widowed
1	2	3	4	5	6	7	8	9	10
1 Ahir	984	12	4	867	117	16	641	318	41
2 Bahl	962	33	5	717	270	13	455	518	27
3 Bania	983	14	3	891	102	7	615	399	26
4 Bengali	949	49	2	856	137	7	614	362	27
5 Bhil	977	21	2	865	132	3	553	436	11
6 Bhilala	970	30		879	121		553	467	1
7 Brahmin (except Dakshini)	977	30	3	882	114	4	610	377	13
8 Brahmin Dakshini	981	8	1	976	22	2	790	189	21
9 Chamar	962	34	4	843	151	6	534	442	24
10 Gadariya	981	22	7	817	177	6	507	453	40
11 Gular	974	23	3	877	113	10	586	394	20
12 Kachhi	974	23	3	865	127	8	542	434	24
13 Kayastha	990	9	1	921	72	7	692	283	25
14 Khat	987	10	3	865	127	8	592	380	28
15 Koli	974	22	4	890	114	6	656	323	21
16 Kumbhar	972	24	4	793	190	17	466	494	40
17 Lodhi	985	13	2	874	119	7	568	407	25
18 Maratha	971	28	1	903	94	3	650	321	29
19 Mina	971	21	8	881	110	9	656	323	21
20 Mitha	959	32	9	887	102	11	653	317	30
21 Nai	977	19	4	877	115	8	624	356	20
22 Rajput Bhaduriya	958	37	5	854	157	9	622	356	22
23 Rajput Chauhan	987	13		875	115	10	875	115	10
24 Rajput Kachhi	956	28	6	835	157	8	661	315	24
25 Rajput Raghobani	983	17		915	80	15	660	327	3
26 Rajput Tonwar	984	14	2	901	81	8	558	407	35
27 Saharwa	970	30		914	85	1	583	412	5
28 Sondhia	986	13	1	879	117	4	602	383	15
29 T h	956	37	7	860	128	12	550	434	26

TABLE V

## Sex at certain Ages for Selected Castes (Males)

## PERIOD BY CIVIL CONDITION

17-23			24-43			44 and over		
Unmarried	Married	Widowed	Unmarried	Married	Widowed	Unmarried	Married	Widowed
11	12	13	14	15	16	17	18	19
325	631	44	105	767	127	89	581	330
198	764	38	80	833	87	36	638	326
369	583	48	180	665	155	102	495	403
309	627	64	144	728	128	116	581	303
258	718	24	63	873	64	22	842	136
362	626	12	105	885	37	59	751	190
383	595	22	211	635	154	103	558	339
512	462	26	199	685	116	161	458	389
247	723	30	70	813	117	56	562	382
227	741	32	93	793	114	74	596	330
388	577	35	131	722	147	68	590	342
266	715	19	79	803	118	38	643	319
585	378	38	175	745	80	76	489	435
250	700	40	109	753	138	42	619	339
276	693	31	87	781	132	116	612	272
240	718	42	58	789	153	35	684	281
289	657	54	89	795	116	42	697	261
467	483	50	145	711	144	55	605	340
318	658	24	99	787	114	66	598	336
335	608	57	88	793	119	67	644	289
343	631	26	92	775	133	57	576	367
380	595	25	162	683	155	117	512	371
545	424	31	365	605	30	245	629	126
361	609	30	139	757	104	92	629	279
499	481	20	145	755	100	105	571	324
366	597	37	190	615	195	139	407	454
240	748	12	52	895	55	33	760	207
283	694	23	115	816	69	86	642	272
265	709	26	91	792	117	72	619	309

## SUBSIDIARY

## Distribution by Civil Condition of 1 000 of each

DISTRIBUTION OF 1 000 FEMALES OF EACH AGE									
Castes	0—6			7—15			14—16		
	Unmarried	Married	Widowed	Unmarried	Married	Widowed	Unmarried	Married	Widowed
1	2	3	4	5	6	7	8	9	10
1 Ahir	959	36	5	735	238	27	219	740	41
2. Balai	950	48	4	597	388	15	184	788	28
3. Banda	984	15	1	752	258	10	100	859	41
4. Baragi	920	76	4	743	245	14	327	618	55
5. Bbll	976	25	1	795	202	5	123	866	17
6. Bhillala	984	14	2	909	84	7	379	596	25
7 Brahman (except Dakshini)	967	28	5	751	260	9	203	761	36
8. Brahman Dakshini	977	14	9	793	179	27	121	835	44
9 Chamar	974	23	3	684	310	6	133	829	38
10. Gadariya	958	35	7	681	309	10	139	827	34
11. Gujar	964	28	8	755	235	10	291	681	28
12. Kachhi	970	23	7	716	271	15	176	787	37
13. Kayastha	966	25	9	851	158	11	241	697	62
14. Khar	984	14	2	769	223	8	251	727	22
15. Koli	966	26	8	717	275	8	139	811	50
16. Kumbhar	964	30	6	647	335	18	164	780	56
17. Lodhi	957	40	5	642	348	10	180	795	24
18. Maratha	943	52	5	725	266	9	263	697	40
19. Mina	922	75	3	702	292	6	151	794	35
20. Mirdha	974	26	0	834	159	9	170	779	51
21. Nai	935	35	10	663	305	32	178	744	78
22. Rajput Bhadartiya	907	69	24	632	297	71	261	642	97
23. Rajput Chaudhan	945	38	17	618	356	26	233	684	83
24. Rajput Kachwaha	992	6	2	821	152	27	364	585	51
25. Rajput Raghobanshi	929	62	9	672	302	26	290	650	60
26. Rajput T nwar	965	33	2	794	193	13	309	615	76
27. Sahartya	956	40	4	762	233	5	149	834	17
28. Sondhia	960	56	4	651	351	18	114	764	122
29. Tall	953	56	11	646	399	15	126	806	68

TABLE V.—(contd.)

Sex at certain Ages for Selected Castes (Females).

## PERIOD BY CIVIL CONDITION

17—23			24—43			44 and over		
Unmarried	Married	Widowed	Unmarried	Married	Widowed	Unmarried	Married	Widowed
11	12	13	14	15	16	17	18	19
34	924	42	16	792	192	19	309	612
28	888	84	12	812	176	10	410	580
27	914	59	8	729	263	5	313	682
73	842	85	16	727	257	17	406	577
26	950	24	7	866	127	22	442	536
97	883	20	13	861	126	16	386	598
40	921	39	16	706	278	14	305	681
36	878	86	7	719	275	2	325	673
50	897	53	13	793	194	10	396	594
53	870	77	18	806	176	8	498	494
51	905	44	8	718	274	7	435	558
68	893	39	18	781	201	24	389	587
56	849	95	13	771	216	9	449	542
55	892	53	27	789	181	27	403	570
51	903	46	14	795	191	8	384	608
38	915	47	12	816	172	13	522	465
33	938	29	11	796	193	7	362	631
85	850	65	36	701	263	10	355	635
32	923	45	22	766	212	24	430	546
75	860	65	11	723	266	8	376	616
75	849	76	25	789	186	21	430	549
104	775	121	51	720	229	43	551	406
131	797	72	55	688	267	30	389	581
164	755	81	22	795	233	22	470	508
69	862	69	11	715	274	26	257	717
206	713	81	62	660	278	59	406	135
36	943	21	15	8 8	157	22	399	579
81	807	112	21	742	237	23	448	529
36	916	48	11	812	177	8	384	608



## CHAPTER VII. INFIRMITIES

### I. Introductory

89 Imperial Table IX, Part I, gives the statistics of infirmities by age, while Part II of the same Table shows the distribution of the afflicted population by districts. In the three Subsidiary Tables at the end of this chapter are set forth proportionate figures in detail.

As on the previous occasion only four kinds of infirmities were recorded, viz. Insanity Deaf Mutism, total Blindness and corrosive Leprosy

The instructions given to the enumerators were as follows :—

If any person be blind of both eyes or deaf and dumb or insane or suffering from corrosive leprosy enter the name of the infirmity in the last column of the schedule. Do not enter those, who are blind of one eye only or who are suffering from white leprosy only

In Abstraction infirmities were not copied on the ordinary slips; but a separate gang was employed to look through the enumeration books and enter up infirmities in special slips.

In considering the statistics thus collected, it must be remembered that the returns for persons suffering from these several defects and especially of those suffering from insanity and deaf mutism are excessively inaccurate.

In the first place, the agency of an ordinary census is absolutely incompetent to furnish the requisite information concerning the infirmities in question with that degree of accuracy which is essential for statistical purposes. The disorders of the mind are almost as varied as the disorders of the body. Like the latter they present so many degrees of manifestation and so many variations that no definite line can be insisted upon on one side of which is insanity on the other sanity: thus each enumerator is free to draw the line according to his own judgment. The same is the case with deaf-mutism. It is impossible by any form of instruction to ensure that only real deaf mutes shall be included and that the same standard of inclusion shall be observed everywhere and by every enumerator. In the case of blindness there is the probability that persons whose sight has grown dim on account of old age will be included. The returns for leprosy may in spite of definite instructions include persons suffering from leucoderma.

Secondly there is the very general reluctance on the part of the heads of families to disclose either as regards themselves or their children the existence of any serious infirmity. This cause of error applies to the blind in a much less degree than to the insane and the lepers and consequently it is probable that the returns of the former are less inaccurate than those of the latter. Deaf-mutism remains undetected during infancy and even in cases

where the symptoms are most pronounced parents cannot be induced to acknowledge its existence even to themselves. The effects of the tendency are seen throughout the figures for the earlier age-periods.

Thirdly, a feeling of delicacy often hinders enumerators from putting very searching questions to heads of families about such infirmities as insanity or leprosy.

The possible total effect of these influences is so great that no reliance can be placed on the statistics. Detailed examination of the figures is therefore not worth undertaking and it is at present doubtful if it is worth while including the infirmity enquiry in the census.

## II Infirmities—General

90. The proportion of the afflicted bears but a small ratio to the whole population. In a population of 3,523,070 only 8,593 persons are afflicted, *viz.*, some 24 persons in every 100,000. The corresponding proportion for 1921 was 26. The Plain contains the highest proportion of the afflicted (26), the Northern Plateau having 25, the Southern 23 and the Hilly 18.

Taking each of the infirmities separately, there is one insane person in every 7,777, one deaf-mute in every 2,698, one blind in every 550 and one leper in every 8,290 of the population.

Compared with the numbers returned in 1921, we find that the insane and the deaf-mutes have decreased by 4 and 110 respectively, while the blind have increased by 270 and the lepers by 7.

Taking the figures by sexes, we find that all the infirmities except blindness are commoner among males than among females.

## III. Insanity.

91. There are only 453 insane persons in the whole population, which seems an unduly low figure.

The figures for all the four censuses are brought together in the following table for convenience of reference.

**Number and Proportion of the Insane at each Census  
from 1901 to 1931.**

Year	NUMBER OF INSANES			PROPORTION PER 100,000 LIVING		
	Persons	Males	Females	Persons	Males	Females
1901	165	121	44	5	8	3
1911	203	145	58	6	9	4
1921	457	308	149	14	18	10
1931	453	292	161	13	16	10

The figures for the first two censuses are altogether unreliable and those for the last two are only slightly better. The data as they stand do not warrant the conclusion that insanity has increased during the past twenty years, they only point to improved enumeration of those suffering from mental disorders. It is also probable that a large number of the insane are returned as deaf-mutes among whom the proportion of the imbecile and feeble-minded is always very high.

Among the districts the incidence of insanity is the highest in Gurd. This is doubtless due to the inclusion of the Lunatic Asylum. Insanity is more prevalent in the Bhind and Shajapur districts than in any other locality; possibly this is due to the dominant classes in those districts being addicted to the use of alcohol opium and ganja.

Subsidiary Table III shows that insanity is more common among males than among females. This is because females do not indulge in the same excesses of various kinds as men and possibly are not exposed to the same degree of hardship and worry. The proportion of female insane is high in the Bhind, Narwar and Mandasaur districts while in all other cases it is less than 10 per 100,000 of the population.

The figures are low in both sexes up to the age of 10, for parents not unnaturally refuse to admit that their children are insane. There is a considerable increase in both sexes after the age of 10 though probably owing to the cause just mentioned the increase is more apparent than real. Among males the incidence is high between the ages of 20 and 30 and again at the ages of 60 and over. Among females the rise commencing with puberty persists right through the child-bearing period and it is only after the menopause is over that the ratio begins to drop down. In the final age-category the female figures are actually greater than the male figures. This points, I think, to the probability that the chances of the survival of female lunatics are greater in later life than those of male lunatics.

#### IV Deaf Mutism.

92 The figures of deaf mutism are entirely untrustworthy and it would be sheer waste of time to discuss them. Deaf mutism is a congenital affection and therefore the figures should be higher at the lowest ages than at any other period. That this is not the case is due partly to the unwillingness of the parents to recognise the existence of the defect in their children and partly to the inclusion in the return for the subsequent age-categories of persons who are only deaf. The proportion is the highest among persons aged 60 and over. There is no way of explaining this anomaly without supposing that deaf mutes are more likely to survive than those not so afflicted, which is incredible.

The incidence of this infirmity according to locality is not uniform and therefore no definite conclusion can be drawn as to the effect of environment on this disability.

The cause of deaf-mutism appears to be entirely obscure. It has been held that the congenitally deaf are the offspring of consanguineous marriages. Besides this little is known.

#### V Blindness.

93. There are in the State 6 409 persons who are blind of both eyes; in 1911 the number was 6 139. Of the former 3 425 are males and 3,984 are females, as against 2 730 and 3 400 in 1921. The increase in blind women has therefore been greater than the increase amongst men.

Subsidiary Table I shows the distribution of blindness. The State figure is 130 per 100,000 for males and 241 for females. The corresponding proportions for 1921 were 161 and 227 respectively. The blind males have decreased in the Plain and Southern Plateau, while their proportion has more than doubled itself in the Hilly Division. The increase in the Northern Plateau has been comparatively small. The proportion of blind females has increased in all the Divisions except the Southern Plateau. Of the districts, Shajapur has the largest proportion of the blind and Amjhera the lowest. The comparatively high proportion of the blind in the former is not surprising considering that the proportion of old people in that district is relatively high. In the case of Amjhera the figure though still unduly low has doubled itself on the present occasion. A large part of this increase is doubtless due to improvement in the accuracy of the present return. In the case of the Gird and Ujjain districts, where the ratio has declined since the last census, the influence of the Central Hospitals with their modern surgical equipment is clearly reflected in the figures.

The most important cause of blindness is constant exposure to glare and dust and to the smoky atmosphere of small ill ventilated huts. The latter factor is more or less evenly distributed and its effects are seen everywhere in the relatively high proportion of the blind among the females. But the former factor is more potent in the North and we find (neglecting the exceptional case of Shajapur) that the Southern districts of the State are on the whole less affected than the Northern.

Taking the distribution of blindness by age periods, we find that the blind of either sex are less numerous in the last age category at this census than they were 10 years ago. Amongst males the largest increases have taken place in the age-periods 55-60 and 60 and over, while in the case of females the ratio has increased in 4 age-periods (15-20, 35-40, 45-50 and 55-60), the largest increase being found among those aged 55-60.

## V Leprosy.

94 In 1931 there were 425 lepers in the State as against 418 in 1921. Of the former total 272 were males and 153 females as against 303 and 115 in 1921. The number of male lepers has therefore decreased by 31 and that of female lepers has increased by 38.

Subsidiary Table I shows the distribution by Natural Divisions and districts. The State figure of lepers per 100,000 of the population is 12 as against 13 in 1921. The highest proportion of lepers of either sex is found in the Malwa districts. Ujjain has more leper males than any other district, a fact due to the presence of an asylum in the district. As regards leper females Mandsaur and Shajapur are similarly conspicuous. Bhilsa, Sheo-pur and Narwar are comparatively free from this loathsome disease.

No male leper was returned at 0-5, while the proportion of female lepers at this age was 65 per 10,000. The biggest ratio in either sex is found at 60 and over. The figures for the ages beyond 40 are extraordinarily high because, firstly, leprosy is a disease of middle age, and, secondly, concealment of this disability in advanced age is comparatively difficult.

## SUBSIDIARY

Number Afflicted per 100,000 of the Population

Districts and Natural Divisions.		INSANE							
		Males				Females			
		1931	1921	1911	1901	1931	1921	1911	1901
1			3	4	5	6	7	8	9
Gwalior State	---	16	18	9	8	10	10	4	3
Natural Divisions									
1. Plain	---	18	12	9	11	12	7	2	4
2. Northern Plateau	---	12	13	6	8	9	6	6	4
3. Southern Plateau	---	14	22	11	5	8	15	4	2
4. Hilly	---	12	12	12	4	6	12	3	4
Districts									
1. Gird	---	30	23	13	9	19	10	3	5
2. Bhind	---	21	9	5	4	11	6	1	2
3. Tonwagher	---	9	4	7	15	7	5	2	5
4. Sheopur	---	16	18	15	12	8	7	2	2
5. Karwar	---	12	15	7	6	12	8	9	3
6. Langerb	---	11	11	6	11	7	4	3	5
7. Bhisla	---	10	12	10	8	5	5	1	3
8. Ujjain	---	11	35	7	2	9	20	6	—
9. Mandla	---	16	18	17	4	13	8	5	2
10. Shahapur	---	20	23	8	3	7	26	4	1
11. Amjhera	---	12	12	12	4	6	12	3	4

Districts and Natural Divisions.		BLIND							
		Males				Females			
		1931	1921	1911	1901	1931	1921	1911	1901
---		18	19	20	21	22	23	24	25
Gwalior State	---	130	161	134	62	241	227	189	64
Natural Divisions									
1. Plain	---	122	145	133	63	258	227	174	105
2. Northern Plateau	---	147	135	129	77	255	184	175	62
3. Southern Plateau	---	129	196	119	56	212	239	115	100
4. Hilly	---	108	50	99	60	139	73	130	29
Districts									
1. Gird	---	110	182	150	65	285	314	13	104
2. Bhind	---	123	128	181	57	273	248	179	109
3. Tonwagher	---	117	125	152	61	193	174	148	112
4. Sheopur	---	167	149	76	75	293	270	134	63
5. Karwar	---	162	177	136	87	238	249	190	71
6. Langerb	---	133	93	123	68	271	120	160	54
7. Bhisla	---	102	11	130	70	161	162	150	62
8. Ujjain	---	122	269	107	55	115	292	11	283
9. Mandla	---	101	97	104	66	181	116	126	36
10. Shahapur	---	181	298	134	55	268	399	165	21
11. Amjhera	---	106	50	99	60	139	73	130	29

## SUBSIDIARY TABLES.

TABLE I.

at each of the last four Censuses

DEAF MUTE					Females		
Males				1931	1921	1911	1901
1931	1921	1911	1901		1921	1911	1901
10	11	12	13	14	15	16	17
					1		
					35	16	25
40	52	24	34	34	27	20	36
					25	16	28
55	43	30	44	52	49	13	27
28	33	24	39	25	16	17	23
31	59	13	21	25			
36	16	32	41	17			
					29	20	39
					20	13	34
53	41	25	42	58	23	29	37
63	39	36	27	63	49	15	27
43	36	27	48	36	33	20	20
69	70	35	73	47	18	13	36
29	50	25	39	35	32	11	15
26	17	24	40	16	69	12	95
37	44	11	34	34	29	18	10
22	94	16	6	20	67	11	9
35	40	17	26	25	16	17	23
37	121	20	14	24			
36	16	32	41	17			

LEPER					Females		
Males				1931	1921	1911	1901
1931	1921	1911	1901		1921	1911	1901
26	27	28	29	30	31	32	33
					1		
					8	9	7
14	12	21	10	9	5	4	7
					5	10	12
13	8	13	11	9	10	11	3
10	10	19	7	4	12	18	10
20	25	26	10	13			
16	16	30	16	11			
					6	3	9
					3	3	6
11	6	11	12	5	5	5	6
18	12	12	12	13	6	5	7
12	6	19	11	10	5	9	7
5	1	5	8	5	5	13	18
10	7	17	10	2	1	3	10
9	14	22	5	6	20	18	
6	5	8	13	3	5	8	4
27	48	32	10	14	14	12	1
22	22	26	8	17	12	18	10
19	30	43	8	15			
16	16	30	16	11			

## SUBSIDIARY

## Distribution of the Infirm by Age per 10,000

Age		INANE							
		Male				Female			
		1931	1921	1911	1901	1931	1921	1911	1901
1		2	3	4	5	6	7	8	9
TOTAL	---	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
0-5	---	69	295	345	---	62	134	173	682
5-10	---	479	779	414	244	497	1,074	517	1,136
10-15	---	617	934	1,034	1,240	497	940	1,379	455
15-20	---	753	747	1,379	641	870	604	1,207	682
20-25	---	959	1,396	896	909	807	940	690	1,363
25-30	---	788	1,438	1,744	826	807	671	1,379	1,561
30-35	---	719	974	621	1,487	621	1,342	862	453
35-40	---	890	487	1,411	331	870	604	517	455
40-45	---	359	1,169	828	1,590	994	1,206	1,379	1,363
45-50	---	993	92	414	1,157	807	403	345	909
50-55	---	651	390	621	248	621	872	517	277
55-60	---	548	195	69	331	621	268	---	453
60 & over	---	1,575	844	414	992	1,926	940	1,035	277

Age		BLIND							
		Male				Female			
		1931	1921	1911	1901	1931	1921	1911	1901
---		18	19	20	21	22	23	24	25
TOTAL	---	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
0-5	---	268	351	474	228	133	185	273	335
5-10	---	285	705	657	900	178	270	346	427
10-15	---	293	653	666	920	163	294	363	528
15-20	---	289	438	670	838	209	174	315	335
20-25	---	264	548	789	672	49	391	474	661
25-30	---	322	565	702	920	331	474	627	691
30-35	---	429	697	926	765	454	371	785	915
35-40	---	551	529	588	776	582	494	452	519
40-45	---	587	873	939	734	682	991	1,024	996
45-50	---	754	516	461	734	863	509	563	549
50-55	---	957	1,666	873	858	961	1,226	1,378	1,006
55-60	---	1,361	358	324	828	1,426	459	444	335
60 & over	---	3,640	701	1,929	1,127	3,773	3,962	2,956	2,703

NOTE.—Figures for 1891 are not available.

TABLE II.  
of each Sex ( four Censuses )

DEAF MUTE							
Male				Female			
1931	1921	1911	1901	1931	1921	1911	1901
10	11	12	13	14	15	16	17
10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
190	282	474	476	229	379	451	460
636	777	1,247	324	582	2 0	1,311	1,063
704	923	1,571	1,143	512	701	1,147	805
636	586	1,122	1,276	512	860	1,147	833
673	890	1,122	590	564	511	1 189	891
673	619	1,147	686	723	625	1,065	977
691	845	1 397	686	758	644	902	805
799	755	499	857	688	778	902	546
772	1,025	649	1,391	617	1,174	861	690
812	529	199	914	794	492	246	517
799	878	324	857	758	833	369	919
867	292	50	133	811	360	164	287
1,748	1,599	199	667	2,452	2,443	246	1,207

LEPER							
Male				Female			
1931	1921	1911	1901	1931	1921	1911	1901
26	27	28	39	30	31	32	33
10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	66	30	645	65	87	313	
110	66	60	710	327	87		1,354
221	66	149	258	131	522	156	521
478	99	179	1,290	327	87	156	833
575	297	687	323	257	435	1,250	729
551	957	836	1,484	523	783	1,328	833
735	1,584	1,045	774	718	1,304	1,250	521
993	1,221	1,164	581	850	1,391	781	417
993	2,046	2,149	1,161	915	1,913	1,094	1,354
1,029	990	1,164	387	980	522	938	729
1,103	1,189	1,403	903	1,111	1,478	1,562	521
1,103	396	328	645	1,117	522	234	417
2,169	1,023	806	839	2,679	869	938	1,771



## SUBSIDIARY TABLE III

Number Afflicted per 100 000 Persons of each Age-period  
and Number of Females Afflicted per 1 000 Males.

Age	NUMBER AFFLICTED PER 100,000								NUMBER OF FEMALES AFFLICTED PER 1,000 MALES			
	Insane		Deaf mute		Blind		Lepor		Insane	Deaf mute	Blind	Lepor
	Males	Females	Males	Females	Males	Females	Males	Females				
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	16	9	40	34	130	241	15	9	551	768	1,642	562
0-5	—	—	5	5	25	21	—	—	500	928	815	—
5-10	6	4	19	16	29	33	1	2	571	702	1 000	1,666
10-15	8	4	22	15	30	33	3	1	484	557	915	633
15-20	12	8	25	17	37	50	7	3	636	617	1 185	384
20-25	15	8	27	19	35	59	8	2	464	640	1 546	214
25-30	14	9	31	29	48	94	9	6	565	820	1,692	533
30-35	14	8	35	35	71	149	14	9	476	845	1 740	55
35-40	21	14	49	38	111	229	22	13	538	661	1,718	431
40-45	27	19	56	41	137	316	26	16	571	614	1,929	518
45-50	37	3	77	71	233	543	36	24	448	750	1,879	535
50-55	52	20	100	85	395	761	51	34	526	728	1 778	566
55-60	41	27	166	125	855	1,546	78	49	625	718	1,721	600
60 & over	80	52	224	232	1,445	1,513	97	69	673	1 078	1,702	694

## CHAPTER VIII OCCUPATION

### I Introductory

95 Occupation is by far the most difficult subject about which information is collected in the census schedules. The sources of error are numerous and the class from which our enumerators are recruited is not as a rule very brilliant. It was therefore inevitable that erroneous entries should find their way into the occupation columns of the schedule. On the whole, however, the standard of accuracy attained by the enumerators was distinctly good and probably represented an advance on that attained at any previous census.

### II Changes since 1921

96 In 1921 there were three columns in the General Schedule devoted to Occupations. These were headed —

Changes in the  
Questionnaire

OCCUPATION OR MEANS OF SUBSISTENCE OF ACTUAL WORKERS		For Dependants the Occupa- tion of the Worker by whom supported
Principal	Subsidiary	
9	10	11

At the present census the following four columns, 9, 10, 11 and 12 were provided —

Earner or Dependant	Principal Occupation of Earners	Subsidiary Occupa- tion of Earners or Occupation of Dependants	Industry in which employed (for orga- nized employees only)
9	10	11	12

The effect of the changes introduced on this occasion may be summarized as follows —

Firstly, in 1921 the whole population was divided into actual workers and dependants. On the present occasion it falls into one or more of the following categories —

- (1) Earners
- (2) Working Dependants
- (3) Non-working Dependants

Secondly, in 1921 those who were dependants were required to return the occupation of those on whom they were dependent. On the present occasion only actual workers (earners and working dependants) have been required to return their occupation. The present census therefore affords no material for assessing the total population that is supported by a particular occupation.

97 The "Actual Worker" of 1921 does not correspond exactly to the "Earner" of 1931. At the previous census there was no such fine distinction as exists now between the terms "Earner" and "Working Dependant". The following extracts from the instructions issued in 1921 and 1931 illustrate the difference —

## 1921

Only those women and children will be shown as *workers* who help to augment the family income. A woman who looks after her house and cooks the food is not a *worker* but a dependant. But a woman who collects and sells firewood or cow dung is thereby adding to the family income, and should be shown as a *worker*. So also a woman who regularly assists her husband in his work (e.g., the wife of a potter who fetches the clay from which he makes his pots), but not one who merely renders a little occasional help. A boy who sometimes looks after his father's cattle is a dependant, but one who is a regular cowherd should be recorded as such in *column 9*. It may be assumed as a rough and ready rule, that boys and girls over the age of 10 who actually do field labour or tend cattle are adding to the income of their family and should therefore be entered in *column 9*. Boys at school or college should be entered as dependants. *Dependants on a joint family the members of which follow different avocations, should be entered in column 11 under the occupation of the member who contributes most largely to the family income.*

## 1931

Only those women and children will be shown as earners who help to augment the family income by *permanent and regular work for which a return is obtained in cash or kind*. A woman who looks after her house and cooks the food is not an *earner* but a dependant. But a woman who *habitually* collects and sells firewood or cowdung is thereby adding to the family income, and should be shown as an *earner*. So also a woman who regularly assists her husband in his work (e.g., the wife of a potter who fetches the clay from which he makes his pots) as an *all time assistant*, but not one who merely renders a little occasional help. A boy who sometimes looks after his father's cattle is a dependant, but one who is a regular cowherd and *earns pay as such in cash or in kind* should be recorded as such in *column 10*. It may be assumed, as a rough and ready rule, that boys and girls over the age of 10 who actually do field labour or tend cattle are adding to the income of their family and should therefore be entered in *column 10 or 11 according to whether they earn pay or not*. Boys at school or college should be entered as dependants. *Dependants who assist in the work of the family and contribute to its support without actually earning wages should be shown as dependants in column 9 and under subsidiary occupation in column 11. Thus a woman who keeps house for her husband is a dependant and entered as such in column 9 but has the subsidiary occupation column 11 of house-keeping.*

The changes indicated in italics have had a far-reaching effect on the figures for dependence. A large number of women and children, who on the previous occasion, by reason of their rendering regular assistance to the real earner, were classed as actual workers, now find a place among dependants. The following table illustrates the point.

**Distribution of 1,000 Persons 1911-1931**

Category	1931	1921	1911
Earners and Working Dependants (Actual Workers 1921 and 1911)	493	616	522
Non-working Dependants (Dependants in 1921 and 1911)	507	384	478

It must be pointed out that the whole scheme of the occupational return in this census differs so much from those in use previously that exact comparison with previous census returns is not possible.

98. All occupations are divided into four Classes which are further divided into twelve Sub classes, 55 Orders and 195 Groups. The change here is confined to groups, some of which have been reshuffled and a few amplified. It is unnecessary to recapitulate all these changes in detail.

**Changes in Occupational Classification**

The Classes and Sub-classes were as follows —

*Class A —Production of Raw Materials.*

Sub-class— I Exploitation of Animals and Vegetation.

II Exploitation of Minerals

*Class B —Preparation and Supply of Material Substances.*

Sub class —III Industry

IV Transport

V Trade

*Class C —Public Administration and Liberal Arts*

Sub-class—VI Public Force

VII Public Administration

VIII Professions and Liberal Arts

*Class D —Miscellaneous*

Sub-class—IX Persons Living on their Income

X. Domestic Service

XI Insufficiently Described Occupations

XII Unproductive

Column 12 was reserved for the earners employed in organized industries, but for reasons of economy the information collected under the head was not compiled.

99. The data collected under columns 9-11 have been set forth in detail in Imperial Table X, Part I. Part II of the same Table gives statistics for the population of the two cities. In Imperial Table XI, Part I, are given the figures for the occupations of selected castes and of Europeans and Anglo-Indians. At the end of the chapter are 6 Subsidiary Tables giving the figures in further detail.

**Reference to Statistics**

100. The distinction between earner and dependant and between principal and subsidiary occupation and the extent to which the occupations of women and children actually contribute to the income of the family were all questions involving subtleness of interpretation beyond the capabilities of the enumerators. The general instructions for filling up the columns had therefore to be very elaborate. These again had from time to time to be

**Instructions to Enumerators**

reinforced by special directions requiring the officers whose duty it was to instruct the staff and check the schedules to pay special attention to these columns. As a measure of special precaution every enumerator and supervisor immediately after receiving instruction was required to visit the houses in the neighbourhood and fill up all the columns of a special schedule. Copies of this schedule which was printed on pink paper were distributed along with the book of instructions in September. Thirty thousand of the schedules so filled in were scrutinized at the head office by a special staff. It was found that the occupational columns were imperfectly written and almost all schedules had to be returned to the supervisors and enumerators concerned with further instructions and completely re-written. Supplementary instructions illustrating in detail the inaccuracies noticed in the course of the examination of these schedules were issued in the middle of December. The labour involved in this operation was enormous but it was eventually found to have been well repaid. The entries in the census schedules specially those relating to occupations exhibited a reasonable standard of accuracy so that we are now enabled to discuss the information embodied in the occupational tables with some confidence. This statement is substantiated by the fact that insufficiently described occupations form only 6.9 per cent of the working population against 8.3 per cent in 1921.

## II Summary of Results.

101. Of the total population of 5,513,070 persons 1,788,217 were non-working dependants, 1,535,701 earners and 201,156 working dependants. Taking the figures by sexes, we find that of 1,867,031 males 1,209,936 or 64.8 per mille are earners, 69,463 or 3.7 per mille are working dependants, while 587,632 or 31.5 per mille are non-working dependants. And of the 1,656,039 females 525,766 are earners 181,689 working dependants and the largest part 1,198,584 are non-working dependants, the proportions per 1,000 in the three categories being 196.80 and 72.4 respectively. The proportions of workers of both sexes vary considerably in different districts. The figures are given in the margin. It will be seen that the highest

Number of Workers per mille of the Population

District	Males	Females
Gird	726	256
Bhind	669	219
Tonwarghar	740	373
Sheopur	723	333
Narwar	704	283
Isaigarh	719	245
Bilim	703	232
Ujjain	613	301
Mandsaur	384	368
Shajapur	678	272
Amjhera	671	337

proportion of male workers is found in Tonwarghar and the lowest in Mandsaur. On the other hand the proportion of female workers is highest in Mandsaur and lowest in Bind. The proportion of male workers is highest in the districts dominated by the more advanced classes of

society whose women are either secluded or take no part in their husbands' occupations. Among the Rajput castes, for instance, which mostly inhabit the Northern districts of the State the proportion of female workers is relatively small and this accounts for the high ratio of male workers in this tract. In the case of the Malwa districts

on the other hand the composition of the population is radically different. Thus in Mandsaur which shows the highest proportion of female workers the Dhakars and Chamars and other low caste people who expect more active work from their womenfolk considerably outnumber the higher castes. The case of Bhind is peculiar. Here the low ratio of male workers is due to the temporary absence of a large number of adult males who have gone over to distant parts of the country leaving their wives and children at home. In the State as a whole the proportion of non working dependants is as high as 51 per cent of the population. It is highest in the Bhind district (54 per cent) and lowest in Sheopur (46 per cent). In the districts of the Southern Plateau the ratio exceeds the State average, while in the case of the Northern Plateau, Plain and Hill Divisions the ratio is lower than this level. This points, I think, to greater employment of female and child labour in the latter three tracts than in the Southern Plateau. The last named Division is also much more prosperous than the others. The Bhind and Tonwarghar districts are the strongholds of high caste Rajputs, but in the case of the latter district the relative preponderance of the Kirar and Sondhiya castes sends the ratio of non-working dependants down to 47 per cent.

Compared with 1921 it would seem that there has been an increase in unemployment, but in reality the difference is, as has already been pointed out, entirely attributable to change in the definition of the terms employed.

102 Subsidiary Table I (a) furnishes for the population as a whole a Distribution by Occupation of 1,000 Persons

Class and Sub class of Occupation	Number per 1,000 of the population	Number per 1,000 workers	proportional distribution into the specified Classes, Sub classes and Groups of Occupations. The table in the margin summarises those figures. More than half of the population consists of non-working dependants. Of 1,000 workers 884 are earners and 116 working dependants. Almost three quarters of the workers (728 per thousand) are engaged in the production of raw materials. Of these 698 are engaged in actual cultivation, 26 in stock raising which is only a complement of agriculture, 2 in forestry and 2 in exploiting minerals. The preparation and supply of material substances claims 142 per mille of the
Non working Dependants	507	1,028	
Earners	436	884	
Working Dependants	57	116	
Total Workers (Earners and Working Dependants)	493	1,000	
<i>Class A Production of Raw Materials</i>	359	728	
I Exploitation of Animals and Vegetation	358	726	
II Exploitation of Minerals	1	2	
<i>Class B Preparation and Supply of Material Substances</i>	70	142	
III Industry	17	95	
IV Transport	2	4	
V Trade	21	43	
<i>Class C Public Administration and Liberal Arts</i>	15	31	
VI Public Force	5	10	
VII Public Administration	4	8	
VIII Professions and Liberal Arts	6	13	
<i>Class D Miscellaneous</i>	49	99	
IX Persons Living on their Income		1	
X Domestic Service	8	16	
XI Insufficiently Described Occupations	34	69	
XII Unproductive	7	13	

Distribution over Occupations Generally

workers. Of these 95 are engaged in the various industries, 4 in transport and 43 in trade. Public administration and liberal arts absorb about 31 and the division of these over Public Force, Public Administration and Professions and Liberal Arts is 10.8 and 13 per thousand respectively. The remaining 99 persons per mille comprise those engaged in the miscellaneous unproductive and unspecified occupations. The most striking features of the return are the enormous preponderance of agriculture and the very small number—only one person in 1,000—who live on their income. Domestic Service provides work for 16 in 1,000. In cities the proportion of those engaged in cultivation is altogether negligible.

### III Principal Occupations.

103 In this Sub-class is found the important Order of Pasture and Agriculture further sub-divided into five sub-orders and 24 groups. Of the sub-orders that of cultivation is by far the most important. Altogether 1,210,880 (Earners and Working Dependants) returned themselves as working on the land. In 1921 the number of actual workers on the land was 1,363,876. The decrease is fictitious as at the last census the percentage of actual workers in this sub-order was the highest in India, being 61 against 54 for all India. Taking the entire rural population as dependant upon agriculture the ratio of workers to dependants was 10 to 11 in 1921 which is on the face of it inconceivable. Thus calculated the present ratio comes to 10.15 which is much nearer the truth and conforms to what are the obvious social and economic facts. The following table furnishes an interesting view of the composition of the agricultural community in each district.

District	Proportion of workers to total population	PROPORTION TO TOTAL 1,000 FOLLOWING OCCUPATION					
		Total following cultivation	Non-cultivating proprietors	Cultivating owners	Tenant cultivators	Agricultural labourers	Cultivated area per head of actual cultivators
1	2	3	4	5	6	7	8
Gwalior State	548	679	28	97	492	182	57 (acres)
Gird ...	560	492	15	48	339	90	3.6
Bhind ...	544	766	52	726	537	57	5.3
Tonwarghar ...	606	785	34	111	576	64	3.3
Sheopur ...	591	632	16	68	365	183	5.4
Narwar ...	569	05	34	106	409	156	5.2
Laswari ...	546	674	19	56	447	152	6.1
Bhilai ...	521	638	21	89	317	231	10.1
Ujjain ...	492	621	23	100	289	201	10.3
Maheshwar ...	538	609	48	104	258	193	9.0
Bhopal ...	513	725	13	141	317	253	7.9
Amber ...	528	802	4	123	435	237	6.8

The occupational congestion and the resultant hard conditions prevailing in the Bind, Tonwarghar and Narwar districts are seen throughout the figures. In these districts an enormous proportion of the working population is engaged in agriculture and the holdings are so small and uneconomic that there is no room for farm labour. In the Mahwa districts, on the other hand, the conditions are easier and consequently farm labour is almost indispensable.

There are no important special crops grown in the State and persons engaged on them include only market gardeners and growers of vegetables and their proportion in the population is approximately 1 in 3,000

Stock raising provides occupation for 54,196 persons or about 13 per thousand of the population There has been a considerable increase in the number of cattle breeders who have increased from 1,494 in 1921 to 7,621 in 1931 The former figure is obviously unduly low It is probable that on the former occasion a large number of persons following this occupation were transferred to other allied groups such as Sellers of Milk and Butter, Herdsmen, Shepherds, etc

Having disposed of Class A, I now proceed to examine some other groups of occupations in the order of their importance

*Textiles*—This industry absorbs 29,214 males and 6,791 females Including those who have returned cotton spinning and weaving as their subsidiary occupation, the total numbers engaged in this industry are 32,146 males and 7,489 females There are three large cotton mills in the State and a large number of ginning factories The former employ about 7,000 persons, the remaining 33,000 being mostly cottage workers Excluding Gird and Ujjain where cotton mills exist, cotton weaving is an industry of any note in the Northern districts and is comparatively rare in Bhilsa, Shajapur, Mandsaur and Amjhera. Dyers are most numerous in the Ujjain and Mandsaur districts

*Wood*—Industries connected with wood give employment to 12,548 males and 3,819 females or to nearly 5 per thousand of the population Workers of this class are distributed over all the districts except Amjhera, where their number is relatively small

*Ceramics*.—This industry supports 10,318 males and 4,051 females all of whom except 682 males and 280 females are potters or makers of earthenwares

*Dress and Toilet*—The industries connected with dress and toilet absorb 39,749 males and 8,523 females or nearly 14 per thousand of the population The district figures are somewhat surprising For instance, it is not quite clear why the two decadent districts, viz, Narwar and Isagarh, show such unusually high numbers of boot-makers or Bhind and Tonwar-ghar such large numbers of barbers

*Miscellaneous*.—Among Miscellaneous industries scavenging is of some importance from the point of view of public health The comparative figures given in the inset are interesting. Conditions in Mysore are probably different

Locality	Number of Scavengers	Proportion per 10,000 of the Population	In the case of the remaining places the standard of cleanliness is extremely low In Gwalior many villages are without sweepers and the number in towns is far from adequate. Under conditions such as these the growth of the
Gwalior	9,742	27	
Mysore	5,314	8	
Baroda	6,288	26	
Rajputana	45,322	30	

existing towns and the formation of new urban areas are exceedingly difficult,

Class B—S  
Class III—  
dustry



**Sub-Class IV —  
Transport.**

There is very little that need be said about transport. The number of boatmen is, as might be expected, very small. The majority of the workers under this head 4421 males and 504 females, are engaged in transport by road and of them 1759 men and 187 women are merely labourers employed in mending roads and bridges.

**Sub-Class V —  
Trade**

The figures of the orders under this class are not convincing. Trade has really fallen off, but the figures are much more affected by the confusion between makers and sellers. In the State, in common with the rest of India the maker is almost always the seller and therefore a large proportion of sellers has found place among the manufacturers.

Traders in food-stuffs form the bulk of the population supported by trade, money lending is next in importance and textiles occupy the third position. The number of general shop-keepers and shop-keepers otherwise unspecified has varied little; nearly 0000 persons are now supported under this head.

**Class C.—Sub-  
Class VI —Public  
Works.**

There has been a decline in the strength of the Army and Police. The figures are shown in the margin.

**Sub-Class VII.—  
Public Administration.**

		1931	1921
Group 160 Service of Indian State, is one of the most difficult to classify. The different expert branches of the Administration the doctors, forest staff and engineers have been shown under their respective heads, while some members of the clerical establishment employed in unspecified offices have been transferred to group 185. Taking the figures as they are the actual number engaged in public administration has risen from 15492 in 1921 to 18,782 in 1931.	State Forces	8,690	10,497
	State Police —	3,604	4,378
	Village Watchmen —	3,841	4,466

**Sub-Class VIII.—  
Professions and  
Liberal Arts.**

*Religion*—Of the professions and liberal arts religion shows an advance of about 3000. Much of this increase is doubtless due to the transfer to this group of many who ought to have returned themselves as beggars. The smart decline under the latter group demonstrates this clearly.

*Law*—The number of lawyers, clerks and petition writers has increased by more than 100 per cent while the figure for lawyers has receded from 429 to 370. The latter profession is probably overstocked and no new lawyers have been enrolled during the last seven years.

*Instruction*—Teachers of all kinds have risen from 1648 to 1978.

*Literary and Arts and Sciences*—Substantial increases have taken place in all the groups in this order. The enormous rise under groups 182 (musicians, etc.) and 184 (conjurers etc.) need cause no surprise as the entries in these groups are so frequently interchangeable that trustworthy comparative figures are impossible.

**Class D.—Miscellaneous.**

In this class domestic servants, beggars and prostitutes show a considerable decline. It seems that a goodly proportion of these persons have managed to return some form of occupation which enables them to be placed in a more respectable category.

**Sub-Class XI.—  
Insufficiently  
Described Occu-  
pations.**

There is a welcome decline of 40 thousand in the insufficiently described occupations which is directly due to greater care in enumeration.

#### IV. Occupations of Females.

104 The occupations in which there is a preponderance of females are ( 1 ) agricultural labour, in which the females actually outnumber the males by about 30,000, ( 2 ) wood-cutting, dealing in firewood and collecting of forest produce, ( 3 ) rice husking and flour grinding; ( 4 ) scavenging. Other occupations in which they take a large share are midwifery and dealing in fodder for animals. In all occupations together there are 378 female workers to 1,000 males.

#### V. Subsidiary Occupations

105 Only 129 males and 88 females out of 1,000 earners of each sex have returned subsidiary occupations. Subsidiary Table II ( b ) shows that by far the most favoured subsidiary occupation is that of cultivation. The proportion of earners who have returned cultivation as their subsidiary occupation is highest in Bhind ( 51 per mille ) and lowest in Ujjain ( 10 per mille ). Weaving as a subsidiary occupation loses much of its prominence by reason of the fact that the majority of female working dependants actually following this occupation in addition to agriculture have been returned as engaged in the more honourable occupation of cultivation.

#### VI Occupation by Caste

106 It is unnecessary to dwell at length on this subject. Subsidiary Table V shows how far each caste still follows its traditional occupation. The highest proportion of earners following their caste occupation is found among the Bohras ( 748 per mille ), next come Momins ( 590 ), Fakirs ( 569 ) and Bhangis ( 556 ). The proportions are also high ( 50 per cent or over ) amongst Joshis, Darzis, Sonars, Dhobis, Lodhis and Nais. Of the higher castes who have abandoned their original occupation the worst offenders are the Rajputs, Marathas and Brahmans each having less than 200 per mille following their traditional occupations. The Rajputs and Brahmans in common with other castes are settling down in large numbers to agriculture while the Marathas vacillate between cultivation on the one hand and Army and Public Administration on the other, their proportion in domestic service showing a most welcome decline. Another caste that is being driven to take to agriculture is that of the Kayasthas. The same may also be said of some of the lower castes, e g, the Sahariyas, the Banjaras and perhaps of Beragis, who in consequence of the want of opportunity to practise their trade are largely taking to cultivation. It is worth noting that the begging classes, the Joshis, Beragis, Jogis, Gosains, etc, find it increasingly difficult to pursue their ancient trade. They now cover a wide range of pursuits and do a little of everything, their relatively high proportion under " Liberal Arts " being specially noticeable.

107 Occupations of Europeans and Anglo-Indians are shown at the end of Imperial Table XI A. Among the 111 Europeans 60 are non-working dependants and of the remainder 10 are returned under Public Force, the majority being British Military Officers at Nimach. Thirteen are in Sub class IV—Transport—being for the most part railway employees. Another 13—4 males and 9 females—have been returned in the Sub-class Professions and Liberal Arts.

Occupations of  
Europeans and  
Anglo Indians.

Of the 131 Anglo-Indians 71 are non working dependants. Among the workers 47 are males and 13 females. Railway provides livelihood for 14 males while females are mostly employed as teachers and domestic servants,

## SUBSIDIARY TABLE I—(a)

Earners (Principal Occupation) and Working Dependents.

Class, Sub-class and Order	Number per 10,000 of total population	PERCENTAGE OF WORKERS EMPLOYED	
		In cities	In rural areas
1	2	3	4
Non working Dependents ... ..	8 070	4 21	98 79
All Occupations Earners (Principal Occupation) and Working Dependents	4 920	3 81	96 19
A. Production of Raw Materials ... ..	2 588	52	99 48
I Exploitation of Animals and Vegetation ... ..	3,581	45	99 55
(1) Pasture and agriculture ... ..	3,580	45	99 55
( ) Cultivation ... ..	3 438	37	99 63
(a) Special crops ... ..	3	16 11	83 89
( ) Forestry ... ..	10	1 88	98 1
( ) Stock-raising ... ..	129	1 86	98 14
(a) Raising of small animals, insects, etc. ... ..	—	55 56	44 44
2) Fishing and hunting ... ..	1	2 01	97 99
II Exploitation of Minerals ... ..	7	29 73	70 27
(4) Non-metallic minerals ... ..	7	29 73	70 27
B Preparation and Application of Materials/Substances	697	11 77	88 23
III Industry ... ..	464	9 35	90 65
(5) Textiles ... ..	103	11 61	88 61
(6) Hides, skins and hard materials from the animal kingdom ... ..	23	7 37	92 63
(7) Wood ... ..	46	5 82	94 18
(8) Metals ... ..	18	8 00	92 00
(9) Ceramics ... ..	41	5 00	95 00
(10) Chemical products properly so-called and analogous ... ..	26	5 32	94 68
(11) Food industries ... ..	19	17 52	82 48
(12) Industries of dress and the toilet ... ..	136	4 34	95 66
(13) Furniture industries ... ..	—	83 76	16 24
(14) Building industries ... ..	1	21 17	78 83
(15) Construction of means of transport ... ..	—	—	100 00
(16) Production and transmission of physical forces ... ..	—	100 00	—
(17) Miscellaneous and undefined industries ... ..	38	13 90	86 10
IV Transport ... ..	22	15 75	84 25
(19) Transport by water ... ..	—	—	100 00
(20) Transport by road ... ..	14	13 18	86 82
(21) Transport by rail ... ..	7	15 73	84 27
(22) Post office telegraph & telephone services ... ..	1	37 08	62 92
V Trade ... ..	211	14 00	86 00
(23) Bank establishments of credit, exchange and insurance ... ..	12	9 31	90 69
(24) Brokerage commission and export ... ..	2	10 63	89 37
(25) Trade in textiles ... ..	8	10 92	89 08
(26) Trade in skins, leathers and furs ... ..	1	—	100 00
(27) Trade in wood ... ..	1	16 41	83 59

SUBSIDIARY TABLE I —(a).—(contd.)

## Earners (Principal Occupation) and Working Dependants.

Class, Sub class and Order	Number per 10,000 of total popu- lation	PERCENTAGE OF WORKERS EMPLOYED	
		In cities	In rural areas
1	2	3	4
<b>V Trade—contd</b>			
(28) Trade in metals . . . . .		28'21	71'79
(30) Trade in chemical products . . . . .		27'36	72'64
(31) Hotels, cafes, restaurants, etc . . . . .	4	16'20	83'80
(32) Other trade in food stuffs . . . . .	85	13'77	86'28
(33) Trade in clothing and toilet articles . . . . .	4	52'91	47'09
(34) Trade in furniture . . . . .		50'00	50'00
(35) Trade in building materials . . . . .		26'67	73'33
(36) Trade in means of transport . . . . .	1	5'19	94'81
(37) Trade in fuel . . . . .	18	4'70	95'30
(38) Trade in articles of luxury and those pertaining to letters and the arts and sciences . . . . .	12	9'52	90'48
(39) Trade of other sorts . . . . .	63	16'86	83'14
<b>C Public Administration and Liberal Arts</b>	<b>153</b>	<b>19'15</b>	<b>80'85</b>
<b>VI Public Force</b>	<b>47</b>	<b>18'08</b>	<b>81'92</b>
(40) Army . . . . .	26	26'57	73'43
(a) Imperial . . . . .	2		100'00
(b) Native State . . . . .	24	28'56	71'44
(43) Police . . . . .	21	9'46	90'54
<b>VII Public Administration</b>	<b>45</b>	<b>33'85</b>	<b>66'15</b>
(44) Public Administration . . . . .	45	33'85	66'15
<b>VIII Professions and Liberal Arts</b>	<b>61</b>	<b>10'70</b>	<b>89'30</b>
(45) Religion . . . . .	31	8'19	91'81
(46) Law . . . . .	2	33'11	66'89
(47) Medicine . . . . .	6	14'21	85'79
(48) Instruction . . . . .	4	15'31	84'69
(49) Letters, arts and sciences (other than 41)	18	10'25	89'75
<b>D Miscellaneous</b> . . . . .	<b>492</b>	<b>9'88</b>	<b>90'12</b>
<b>IX Persons Living on their Income</b>	<b>3</b>	<b>43'93</b>	<b>56'07</b>
(50) Persons living principally on their income	3	43'93	56'07
<b>X Domestic Service</b> . . . . .	<b>82</b>	<b>23'76</b>	<b>76'24</b>
(51) Domestic service . . . . .	82	23'76	76'24
<b>XI Insufficiently Described Occupations</b>	<b>343</b>	<b>6'07</b>	<b>93'93</b>
(52) General terms which do not indicate a definite occupation . . . . .	343	6'07	93'93
<b>XII Unproductive</b> . . . . .	<b>64</b>	<b>11'68</b>	<b>88'32</b>
(53) Inmates of jails, asylums and alms houses	5	82'19	17'81
(54) Beggars, vagrants, prostitutes . . . . .	59	6'20	93'80
(55) Other unclassified non productive industries			

## SUBSIDIARY TABLE I—(b)

## Earners (Subsidiary Occupation)

Class, Sub-class and Order	Number per 10,000 of total population	PERCENTAGE OF WORKERS EMPLOYED	
		In cities	In rural areas
1	2	3	4
All Occupations Earners (Subsidiary Occupation).	528	134	98.66
A. Production of Raw Materials	298	47	99.83
I <i>Exploitation of Animals and Vegetation</i>	295	43	99.58
(1) Pasture and agriculture	296	41	99.59
(a) Cultivation	269	38	99.62
(b) Special crops	1	113	98.87
(c) Forestry	1	18	99.82
(d) Stock-raising	25	81	99.19
(e) Raising of small animals, insects, etc.	---	---	100.00
(2) Fishing and hunting	---	398	96.02
II <i>Exploitation of Minerals</i>	2	8.04	91.96
(4) Non metallic minerals	2	8.04	91.96
B. Preparation and Supply of Material Substances	122	2.11	97.89
III <i>Industry</i>	66	1.32	98.68
(5) Textiles	10	1.10	98.90
(6) Hides, skins and hard materials from the animal kingdom	5	2.13	97.87
(7) Wood	8	1.23	98.77
(8) Metals	5	2.37	97.63
(9) Ceramics	5	.70	99.30
(10) Chemical products properly so-called and analogous	5	2.90	97.10
(11) Food industries	2	.63	99.37
(12) Industries of dress and the toilet	22	.95	99.05
(13) Furniture industries	---	100.00	---
(14) Building industries	2	.25	99.75
(15) Construction of means of transport	---	---	100.00
(16) Production and transmission of physical force	---	100.00	---
(17) Miscellaneous and undefined industries	2	2.33	97.77
IV <i>Transport</i>	6	.09	99.91
(19) Transport by water	---	---	100.00
(20) Transport by road	6	.10	99.90
(21) Transport by rail	---	---	100.00
(22) Post office, telegraph and telephone services.	---	---	100.00
V <i>Trade</i>	50	5.40	94.60
(23) Banks, establishments of credit, exchange and insurance.	8	9.60	90.40
(24) Brokerage, commission and export	2	3.70	96.30
(25) Trade in textiles	1	.33	99.67
(26) Trade in skins, leather and furs	---	---	100.00

## SUBSIDIARY TABLE I—(b)—(contd)

## Earners (Subsidiary Occupation).

Class, Sub class and Order	Number per 10,000 of total popu- lation	PERCENTAGE OF WORKERS EMPLOYED	
		In cities	In rural areas
1	2	3	4
<i>V Trade.—concl.</i>			
(28) Trade in metals	---	.	100 00
(30) Trade in chemical products	---		100 00
(31) Hotels, cafes, restaurants, etc	1	1 41	98 59
(32) Other trade in food stuffs	20	1 58	98 42
(33) Trade in clothing and toilet articles	.	2 78	97 22
(34) Trade in furniture	.		100 00
(35) Trade in building materials	.		100 00
(36) Trade in means of transport	1	9 85	90'15
(37) Trade in fuel	5	26	99'74
(38) Trade in articles of luxury and those pertain- ing to letters and the arts and sciences	1	56	99 44
(39) Trade of other sorts	11	2 81	97'19
<i>C Public Administration and Liberal Arts</i>	19	'82	99 18
<i>VI Public Force</i>	5	51	99'49
(40) Army	---		100 00
(b) Native State	---		100 00
(43) Police	5	52	99 48
<i>VII. Public Administration</i>	1	.	100 00
(44) Public administration	1	.	100 00
<i>VIII Professions and Liberal Arts</i>	13	96	99 04
(45) Religion	8	56	99 44
(46) Law	1	8 07	91 93
(47) Medicine	1	2 96	97 04
(48) Instruction	1	48	99 52
(49) Letters, arts and sciences (other than 44)	3	1 43	98 67
<i>D Miscellaneous</i>	86	3 20	96'80
<i>IX Persons Living on their Income</i>	1	22 90	77'10
(50) Persons living principally on their income	1	22'90	77 10
<i>X Domestic Service</i>	8	1'92	98 08
(51) Domestic service	8	1'92	98 08
<i>XI Insufficiently Described Occupations</i>	66	3'55	96 45
(52) General terms which do not indicate a definite occupation	66	3 55	96'45
<i>XII Unproductive</i>	11	1 62	98 38
(53) Inmates of jails, asylums and alms houses	.		100 00
(54) Beggars vagrants, prostitutes	10	1 69	98 31
(55) Other unclassified non productive industries.	1		100 00

## SUBSIDIARY

## Distribution of Earners (Principal Occupation) and Working

Districts and Natural Divisions	TOTAL 1 000			NUMBER PER MILLE OF THE TOTAL OCCUPATION AND			
	Non-working Dependents	Working Dependents	Earners (Principal occupation)	Sub-class I Exploitation of animals and vegetation	Sub-class II.—Exploitation of minerals	Sub-class III.—Industry	Sub-class IV.—Transport
1	2	3	4	5	6	7	8
Gwalior State —	307	37	436	358	1	46	2
Natural Divisions.—							
1. Plain —	493	43	460	366	2	53	3
2. Northern Plateau —	301	56	443	367	—	44	1
3. Southern Plateau —	32	39	416	336	—	44	2
4. Hilly —	493	143	362	424	—	33	1
Districts.—							
1. Gird —	489	43	466	266	3	56	3
2. Bhind —	336	22	442	375	—	44	2
3. Tonwarghar —	469	54	477	444	3	33	1
4. Sheopur —	459	92	449	389	—	43	8
5. Narwar —	493	73	432	379	—	45	1
6. Jagpurh —	306	41	433	351	—	44	2
7. Bhilai —	322	42	436	341	—	43	2
8. Ujjain —	337	43	418	314	—	48	2
9. Mandla —	321	97	382	313	—	49	3
10. Shahpur —	317	36	427	377	—	37	2
11. Amjhera —	493	143	362	424	—	23	1

## SUBSIDIARY

## Distribution of Earners (Subsidiary Occupation)

Districts and Natural Division	NUMBER PER MILLE OF THE TOTAL OCCUPATION					
	Sub-class I Exploitation of animals and vegetation	Sub-class II.—Exploitation of minerals	Sub-class III.—Industry	Sub-class IV.—Transport	Sub-class V.—Trade	Sub-class VI.—Publ Force
1	2	3	4	5	6	7
Gwalior State —	—	30	—	7	1	8
Natural Divisions.—						
1. Plain —	—	38	—	8	1	6
2. Northern Plateau —	—	38	—	6	—	4
3. Southern Plateau —	—	18	—	6	—	5
4. Hilly —	—	13	—	2	—	3
Districts.—						
1. Gird —	—	24	1	6	1	5
2. Bhind —	—	51	—	8	—	6
3. Tonwarghar —	—	41	—	13	1	7
4. Sheopur —	—	27	—	5	2	6
5. Narwar —	—	44	—	7	—	6
6. Jagpurh —	—	32	—	4	1	3
7. Bhilai —	—	23	—	5	1	3
8. Ujjain —	—	10	—	5	—	6
9. Mandla —	—	32	—	8	1	5
10. Shahpur —	—	12	—	6	1	4
11. Amjhera —	—	13	—	2	—	3

TABLE II—(a)

## Dependants by Sub-classes and Natural Divisions

POPULATION OCCUPIED AS EARNERS (PRINCIPAL  
WORKING DEPENDANTS IN

Sub class V —Trade	Sub class VI —Public Forces	Sub class VII — Public Adminis- tration	Sub class VIII.—Pro- fessions & Liberal Arts	Sub class IX —Per- sons living on their Income	Sub classX — Domes- tic Service	Sub class XI—Insuf- ficiently described occupa- tions	Sub class XII — Unpro- ductive
9	10	11	12	13	14	15	16
21	5	5	6		8	34	7
22	8	6	6	1	11	24	3
22	3	4	5		6	42	5
21	3	3	7		6	42	9
13	3	3	4		5	25	4
31	23	15	9	2	21	42	8
16		2	5		7	10	3
16	2	3	5		6	13	5
29	3	2	7		7	47	6
23	2	4	4	—	7	36	4
21	3	6	7		5	49	6
17	2	2	4		7	50	10
23	3	6	7	—	13	37	10
30	7	2	7		8	52	8
15	3	2	7		2	31	7
13	3	3	4		5	25	4

TABLE II—(b)

## by Sub-classes and Natural Divisions

POPULATION, OF EARNERS HAVING A SUBSIDIARY  
TION IN

Sub class VII —Pub- lic Admin- istration	Sub-class VIII —Pro- fessions & Liberal Arts	Sub class IX.— Persons living on their income	Sub class X —Domestic Service	Sub class XI — Insufficiently described Occupations	Sub class XII — Unproductive
8	9	10	11	12	13
	1			7	1
—	1		1	8	1
	1	.	1	7	1
	1		1	5	1
	1			3	
	2		2	7	1
	2			10	1
	2		1	8	1
	1	—		8	1
			1	6	1
			1	8	1
	1	—	1	5	2
	1		1	4	1
	1		1	9	2
	1			3	1
	1			2	



## SUBSIDIARY TABLE III

Occupation of Females by Sub-classes and Selected Orders and Groups.

Group No.	Occupation	NUMBER OF EARNERS AND WORKING DEPENDANTS		Number of females per 1,000 males
		Males	Females	
1	2	3	4	5
	Total Working Population	1,279,398	487,488	388
	A. Production of Raw Materials	927,782	336,281	362
	I Exploitation of Animals and Vegetation	925,025	335,499	362
	1. Pasture and agriculture	925,589	335,413	362
	(a) Cultivation	882,538	328,312	372
1	Non-cultivating proprietors taking rent in money or kind	39,674	5,683	143
5	Cultivating owners	148,930	22,508	151
6	Tenant cultivators	574,850	151,434	263
7	Agricultural labourers	119,050	148,684	1,249
	(b) Cultivation of Special Crops, etc.	1,046	115	110
16	Market gardeners, flower and fruit growers	1,046	115	110
	(c) Forestry	1,783	1,758	986
18	Wood cutters and charcoal burners	262	401	1,531
19	Collectors of forest produce	1,412	1,357	961
	(d) Stock-raising	40,214	5,328	130
21	Cattle and buffalo breeders and keepers	6,912	709	103
23	Hardmen, shepherds and breeders of other animals	33,301	4,519	136
	2. Fishing and hunting	438	86	197
27	Fishing and pearling	401	79	187
	II Exploitation of Minerals	1,727	752	435
	4. Non-metallic minerals	1,727	752	435
37	Building materials (including stone, materials for cement manufacture and clays).	1,474	703	477
40	Salt, sulphate and other saline substances	138	44	319
	B. Preparation and Supply of Material Substances.	191,577	84,089	282
	III Industry	127,104	36,407	286
	5. Textiles	29,214	6,791	232
42	Cotton ginning, cleaning and pressing	2,152	557	259

## SUBSIDIARY TABLE III.—(contd)

## Occupation of Females by Sub-classes and Selected Orders and Groups.

Group No.	Occupation	NUMBER OF EARNERS AND WORKING DEPENDANTS		Number of females per 1,000 males
		Males	Females	
1	2	3	4	5
43	Cotton spinning, sizing and weaving	23 705	5,092	214
45	Rope, twine, string and other fibres	43	59	1,372
46	Wool carding, spinning and weaving	391	152	388
49	Dyeing, bleaching, printing, preparation and sponging of textiles	2,858	896	314
50	Lace, crepe, embroideries, fringes, etc., and insufficiently described textile industries	65	35	538
6	Hides, skins and hard materials from the animal kingdom	5,776	2,247	389
51	Working in leather	5,773	2,247	389
7.	Wood	12,548	3,819	304
56	Basket makers and other industries of woody materials, including leaves and thatchers and builders working with bamboo, reeds or similar materials	3,607	3,386	939
8	Metals	5,743	957	175
9	Ceramics	10,318	4,051	393
63	Potters and makers of earthenware	9,636	3,771	391
64	Brick and tile makers	305	135	442
10	Chemical products properly so called and analogous.	7,352	1,852	252
66	Manufacture of matches, fireworks and other explosives	407	107	363
68	Manufacture and refining of vegetable oils	6,793	1,731	255
11	Food industries	3,082	3,321	1,078
71	Rice pounders and huskers and flour grinders	239	2,978	12,460
78	Manufacturers of tobacco	27	49	1,814
12	Industries of dress and the toilet	39,749	8,523	214
82	Boot, shoe, sandal and clog makers	16,171	1,627	101
83	Tailors, milliners, dress makers and darners	5,650	1,787	316
85	Washing and cleaning	6,616	4,709	710
14	Building industries	4,282	521	122

## SUBSIDIARY TABLE III.—(contd.)

## Occupation of Females by Sub classes and Selected Orders and Groups

Group No	Occupation	NUMBER OF EARNERS AND WORKING DEPENDANTS		Number of females per 1 000 males
		Males	Females	
1	2	3	4	5
90	Line burners, cement workers, excavators and well sinkers; stone cutters and dressers; brick layers and masons; builders (other than buildings made of bamboo or similar materials) painters, decorators of houses, tilers, plumbers, etc.	4,282	521	122
	17 Miscellaneous and undefined industries.	9,213	4,189	455
00	Scavenging — — —	5,516	3,802	689
	IV Transport — — —	7,054	746	106
	20. Transport by road — —	4 421	507	115
111	Porters and messengers — —	68	1	15
	21 Transport by rail — —	2 102	238	113
113	Labourers employed on railway construction and maintenance and coolies and porters employed on railway premises.	884	145	64
	V Trade — — —	57 719	16,936	293
	3. Banks, establishments of credit, exchange and insurance (bank managers, money lenders, exchange and insurance agents, money changers and brokers and their employees).	3 661	480	131
	31. Hotels, cafes, restaurants, etc. —	1,138	128	112
	32. Other trade in food-stuffs —	20 481	9,201	449
129	Grain and pulse dealers — —	1 890	117	59
130	Dealers in sweetmeats, sugar and spices —	652	48	73
131	Dealers in dairy product, eggs and poultry —	2,344	1,128	481
133	Dealers in fodder for animals — —	2,513	2,939	1,170
134	Dealers in other food-stuffs — —	12,679	4,952	391
135	Dealers in tobacco .. — —	50	6	120
	37 Trade in fuel — — —	2,368	3,685	1,556
145	Dealers in firewood, charcoal, cowdung, etc.	2,368	3 685	1,556
	39. Trade of other sorts — —	20,070	2,227	111
150	General store keepers and shop keepers otherwise unspecified.	18,546	2,225	120

## SUBSIDIARY TABLE III —(concl'd)

## Occupation of Females by Sub classes and Selected Orders and Groups

Group No	Occupation	NUMBER OF EARNERS AND WORKING DEPENDANTS		Number of females per 1,000 males
		Males	Females	
1	2	3	4	5
	C Public Administration and Liberal Arts	50,695	3,222	63
	VII Public Administration	15,658	124	8
161	Municipal and other local (not village) services.	292	20	68
	VIII Professions and Liberal Arts	18,287	3,098	169
	45 Religion	10,275	596	58
164	Monks, nuns, and religious mendicants	4,276	243	57
166	Servants in religious edifices, burial & burning grounds, pilgrim conductors, circumcisers, etc.	641		
	47 Medicine	973	1,103	1 134
172	Midwives, vaccinators, compounders, nurses, masseurs, etc	222	1 097	4,941
	48 Instruction	1,620	157	97
174	Professors and teachers of all kinds	1,615	157	97
	49 Letters, arts and sciences (other than 44)	4,588	1,241	270
182	Musicians (composers and performers other than military), actors, dancers, etc	3,655	1,163	318
	D Miscellaneous	109,374	63,893	584
	IX Persons Living on their Income	819	431	526
	50, Persons living principally on their income	819	431	526
185	Proprietors (other than of agricultural land), fund and scholarship holders and pensioners	819	431	526
	X. Domestic Service	21,952	6 804	310
187	Other domestic service	21,243	6 802	320
	XI Insufficiently Described Occupations	69,200	51,529	745
	52 General terms which do not indicate a definite occupation	69 200	51,529	745
191	Labourers and workmen otherwise unspecified	56 021	49 552	885
	XII Unproductive	17 403	5 129	290
	54. Beggars, vagrants, prostitutes	15 797	4,823	305
193	Beggars and vagrants	15 749	4,669	296

## SUBSIDIARY TABLE IV

Selected Occupations giving Comparative Figures  
for 1931 and 1921

Order No.	Occupation	1931		1921
		Earners (principal occupation) and working depend- ents	Earners (subsidiary occupation)	Actual workers
1	2	3	4	5
	<b>A. Production of Raw Materials</b>	1 244 003	108 103	1 402,426
	<i>I Exploitation of Animals and Vegetation</i>	1,251,524	104 480	1,401,579
1	Pasture and agriculture	1,251,002	104,304	1 400,989
	(a) Cultivation	1,210,850	94 638	1,353,876
	(b) Cultivation of special crops fruits etc.	1 161	334	732
	(c) Forestry	3,541	557	1,785
	(d) Stock raising	45 442	8,734	34,575
	(e) Raising of small animals and insects	8	1	
2	Fishing and hunting	522	176	690
	<i>II Exploitation of Minerals</i>	2,479	622	977
4	Non-metallic minerals	2,479	622	977
	<b>B Preparation and Supply of Material Substances.</b>	2 45 646	42 152	269 038
	<i>III Industry</i>	163,511	23,319	175,001
5	Textiles	36,005	3,630	30,013
6	Hides, skins and hard materials from the animal kingdom	8,023	1,597	14,180
7	Wood	16,367	2,917	16,842
8	Metals	6 538	1 649	11,396
9	Ceramics	14,369	1,379	15,008
10	Chemical products properly so-called and analogous.	9,204	1,654	4,101
11	Food industries	6 403	947	7,347
12	Industries of dress and the toilet	48,273	7,686	54,410
13	Furniture industries	105	12	157
14	Building industries	4,803	810	6,859
15	Construction of means of transport	9	45	27
16	Production and transmission of physical force.	11	32	84
17	Miscellaneous and undefined industries	13 402	761	17,157
	<i>IV Transport</i>	7,800	2,182	9,019
19	Transport by water	55	82	1,041
20	Transport by road	4,928	927	6,013
21	Transport by rail	2,340	70	1,731
22	Post office, telegraph and telephone services.	477	3	214
	<i>V Trade</i>	74,355	17 651	84 418
23	Banks, establishments of credit, exchange and insurance	4 141	3,144	6,017
24	Brokerage, commission and export	756	567	1,045
25	Trade in textiles	2,984	304	3,388
26	Trade in skins, leather and furs	347	9	560
27	Trade in wood	396		199
28	Trade in metals	117	131	660
29	Trade in pottery bricks and tiles			152
30	Trade in chemical products	201	1	402

## SUBSIDIARY TABLE IV—(contd.)

Selected Occupations giving Comparative Figures  
for 1931 and 1921

Order No	Occupation	1931		1921
		Earners (principal occupa- tion) and working depend- ants	Earners (subsidiary occupation)	Actual workers
1	2	3	4	5
31	Hotels, cafes, restaurants, etc ..	1,266	284	1,363
32	Other trade in food stuffs	29,682	7,139	40,794
33	Trade in clothing and toilet articles	1,391	36	635
34	Trade in furniture ..	6	13	13
35	Trade in building materials	15	1	45
36	Trade in means of transport	525	457	357
37	Trade in fuel	6,053	1,516	3,518
38	Trade in articles of luxury and those pertaining to letters and the arts and sciences	4,178	179	3,443
39	Trade of other sorts	22,297	3,883	21,773
	<b>C Public Administration and Liberal Arts</b>	<b>53,917</b>	<b>1,851</b>	<b>54,916</b>
	<i>VI Public Force ..</i> ..	<i>16,750</i>	<i>1,780</i>	<i>20,129</i>
40	Army	9,305	37	11,385
43	Police	7,445	1,743	8,744
	<i>VII Public Administration</i>	<i>15,782</i>	<i>496</i>	<i>15,492</i>
44	Public administration ..	15,782	496	15,492
	<i>VIII Professions and Liberal Arts</i>	<i>21,385</i>	<i>4,575</i>	<i>19,295</i>
45	Religion .. ..	10,871	2,841	10,490
46	Law .. ..	832	62	646
47	Medicine .. ..	2,076	338	2,201
48	Instruction	1,777	209	1,663
49	Letters, arts and sciences (other than 44)	5,829	1,125	4,292
	<b>D Miscellaneous</b>	<b>173,267</b>	<b>30,039</b>	<b>241,818</b>
	<i>IX Persons Living on their Income ..</i>	<i>1,250</i>	<i>489</i>	<i>1,392</i>
50	Persons living principally on their income	1,250	489	1,392
	<i>X Domestic Service</i>	<i>28,756</i>	<i>2,976</i>	<i>40,912</i>
51	Domestic service .. ..	28,756	2,976	40,912
	<i>XI Insufficiently Described Occupations</i>	<i>120,729</i>	<i>22,870</i>	<i>164,118</i>
52	General terms which do not indicate a definite occupation	120,729	22,870	164,118
	<i>XII Unproductive</i>	<i>22,532</i>	<i>3,704</i>	<i>35,396</i>
53	Inmates of jails, asylums and almshouses	1,907	2	1,330
54	Beggars, vagrants, prostitutes	20,620	3,547	33,821
55	Other unclassified non productive industries	5	155	239

## SUBSIDIARY TABLE V

## Occupation of Selected Castes.

Caste and Occupation	Number per 1 000 workers engaged on each occupation	Number of female workers per 100 males	Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males
1	2	3	1	2	3
<b>Badhul—Carpenters.</b>			<b>Bania—Traders.</b>		
Traditional Occupation ...	299	298	Traditional Occupation ...	446	14
Exploitation of animals and vegetation ...	606	534	Exploitation of animals and vegetation ...	408	6
Exploitation of minerals ...	1	3	Exploitation of minerals ...	2	23
Industry ...	27	—	Industry ...	8	55
Transport ...	—	2	Transport ...	2	9
Trade ...	14	21	Public Force ...	2	—
Public Force ...	2	—	Public Administration ...	15	—
Public Administration ...	1	—	Professions and Liberal Arts ...	18	13
Professions and Liberal Arts ...	4	5	Persons living on their income ...	6	27
Domestic Service ...	7	2	Domestic Service ...	61	10
Insufficiently described occupations ...	32	114	Insufficiently described occupations ...	26	41
Unproductive ...	5	73	Unproductive ...	6	41
<b>Bahel—Field Labourers.</b>			<b>Baragi—Beggars.</b>		
Traditional Occupation ...	471	874	Traditional Occupation ...	231	31
Exploitation of animals and vegetation ...	411	—	Exploitation of animals and vegetation ...	525	17
Exploitation of minerals ...	1	1	Exploitation of minerals ...	3	37
Industry ...	14	4	Industry ...	23	6
Transport ...	3	—	Transport ...	3	14
Trade ...	7	4	Trade ...	13	23
Public Force ...	2	—	Public Force ...	3	—
Public Administration ...	3	—	Public Administration ...	7	2
Professions and Liberal Arts ...	6	9	Professions and Liberal Arts ...	78	4
Persons living on their income ...	1	—	Persons living on their income ...	1	44
Domestic Service ...	4	—	Domestic Service ...	14	9
Insufficiently described Occupations ...	74	106	Insufficiently described occupations ...	69	51
Unproductive ...	3	2			
<b>Banjara—Carriers by Pack animals.</b>			<b>Bhangl—Scavengers.</b>		
Traditional Occupation ...	177	37	Traditional Occupation ...	586	49
Exploitation of animals and vegetation ...	674	22	Exploitation of animals and vegetation ...	286	21
Exploitation of minerals ...	3	3	Exploitation of minerals ...	3	61
Industry ...	6	31	Industry ...	9	31
Transport ...	8	—	Transport ...	13	5
Trade ...	25	43	Trade ...	6	21
Public Administration ...	18	—	Public Force ...	7	—
Professions and Liberal Arts ...	5	—	Public Administration ...	25	—
Domestic Service ...	5	80	Professions and Liberal Arts ...	19	27
Insufficiently described occupations ...	75	57	Domestic Service ...	28	20
Unproductive ...	4	53	Insufficiently described occupations ...	37	61
			Unproductive ...	9	36

## SUBSIDIARY TABLE V—(contd.)

## Occupation of Selected Castes

Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males	Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males
1	2	3	1	2	3
<b>Bhat—Legend Singers</b>			<b>Brahman—Priests</b>		
Traditional Occupation ...	238	64	Traditional Occupation	144	16
Exploitation of animals and vegetation	457	37	Exploitation of animals and vegetation	625	9
Exploitation of minerals	3	1,000	Industry	6	49
Industry	12	164	Transport	4	16
Transport	8	47	Trade	37	17
Trade	15	34	Public Force	17	
Public Force	4		Public Administration	25	2
Public Administration	7		Professions and Liberal Arts	24	16
Professions and Liberal Arts	30	33	Persons living on their income	2	53
Persons living on their income	5	15	Domestic service	37	13
Domestic service	22	132	Insufficiently described occupations	36	31
Insufficiently described occupations	85	45	Unproductive	43	24
Unproductive	114	34	<b>Chamar—Field Labourers and Leather Workers</b>		
<b>Bhil—Labourers</b>			Traditional Occupation	319	72
Traditional Occupation	171	63	Exploitation of animals and vegetation	465	10
Exploitation of animals and vegetation	767	22	Exploitation of minerals	2	37
Exploitation of minerals	1		Industry	68	56
Industry	2	6	Transport	4	5
Transport	2	56	Trade	20	31
Trade	8	117	Public Force	1	
Public Force	3		Public Administration	2	
Public Administration	4		Professions and Liberal Arts	16	14
Professions and Liberal Arts	5	18	Domestic service	15	7
Domestic service	29	49	Insufficiently described occupations	86	71
Insufficiently described occupations	4	63	Unproductive	2	37
Unproductive	4	31	<b>Chhipa—Dyers,</b>		
<b>Bhilala—Labourers.</b>			Traditional Occupation	383	59
Traditional Occupation	92	56	Exploitation of animals and vegetation	458	30
Exploitation of animals and vegetation	897	7	Exploitation of minerals	14	7
Industry	1	23	Industry	24	18
Transport	1		Transport	2	125
Trade	1	11	Trade	40	30
Persons living on their income	1		Public Force	3	
Domestic service	5	52	Public Administration	6	
Insufficiently described occupations	2	57	Professions and Liberal Arts	6	92
			Domestic service	22	7
			Insufficiently described occupations	38	98
			Unproductive	4	125



## SUBSIDIARY TABLE V—(contd.)

## Occupation of Selected Castes.

Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males	Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males
1	2	3	1	2	3
<b>Desai—Tailors.</b>			<b>Ghosi—Cattle keepers and Milkmen.</b>		
Traditional Occupation ...	546	28	Traditional Occupation ...	272	61
Exploitation of animals and vegetation ...	385	12	Exploitation of animals and vegetation ...	581	11
Exploitation of minerals ...	1	—	Exploitation of minerals ...	1	—
Industry ...	13	45	Industry ...	6	—
Trade ...	6	7	Transport ...	5	—
Public Force ...	1	—	Trade ...	17	8
Public Administration ...	1	—	Public Force ...	9	—
Professions and Liberal Arts ...	4	30	Public Administration ...	2	—
Persons living on their income ...	1	11	Professions and Liberal Arts ...	8	18
Domestic service ...	11	21	Domestic service ...	58	4
Insufficiently described occupations ...	28	59	Insufficiently described occupations ...	127	16
Unproductive ...	1	20	Unproductive ...	13	8
<b>Dhobi—Washermen.</b>			<b>Gosai—Beggars.</b>		
Traditional Occupation ...	529	82	Traditional Occupation ...	205	22
Exploitation of animals and vegetation ...	423	16	Exploitation of animals and vegetation ...	561	13
Exploitation of minerals ...	4	105	Exploitation of minerals ...	5	—
Industry ...	3	150	Industry ...	5	17
Transport ...	2	34	Trade ...	11	62
Trade ...	3	14	Transport ...	6	17
Public Force ...	1	—	Public Force ...	3	—
Public Administration ...	2	—	Public Administration ...	4	35
Professions and Liberal Arts ...	1	116	Professions and Liberal Arts ...	22	9
Persons living on their income ...	—	25	Persons living on their income ...	2	—
Domestic service ...	8	9	Domestic service ...	10	35
Insufficiently described occupations ...	22	58	Insufficiently described occupations ...	66	119
Unproductive ...	2	10	<b>Gujar—Agriculturists.</b>		
<b>Gadaria—Shepherds and Herdsmen</b>			Traditional Occupation ...	417	22
Traditional Occupation ...	400	49	Exploitation of animals and vegetation ...	512	18
Exploitation of animals and vegetation ...	385	37	Exploitation of minerals ...	3	70
Exploitation of minerals ...	—	73	Industry ...	2	253
Industry ...	2	57	Transport ...	3	15
Trade ...	1	80	Trade ...	14	72
Transport ...	1	—	Public Force ...	5	—
Professions and Liberal Arts ...	2	763	Public Administration ...	3	—
Persons living on their income ...	—	100	Professions and Liberal Arts ...	3	11
Domestic service ...	1	63	Persons living on their income ...	1	64
Insufficiently described occupations ...	8	131	Domestic service ...	10	19
Unproductive ...	—	175	Insufficiently described occupations ...	25	132
			Unproductive ...	2	29

## SUBSIDIARY TABLE V —(contd)

## Occupation of Selected Castes

Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males	Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males
1	2	3	1	2	3
<b>Jogi—Beggars</b>			Exploitation of minerals	2	10
Traditional Occupation	388	32	Industry	18	274
Exploitation of animals and vegetation	444	6	Trade	13	29
Industry	7	11	Public Force	1	—
Transport	4	160	Public Administration	1	80
Trade	59	54	Professions and Liberal Arts	1	—
Public Administration	7	—	Persons living on their income	2	25
Professions and Liberal arts	8	8	Domestic service	3	14
Persons living on their income	2	400	Insufficiently described occupations	43	313
Domestic service	4	8	Unproductive	1	500
Insufficiently described occupations	77	85			
<b>Joshi—Astrologers and Beggars</b>			<b>Koli—Weavers</b>		
Traditional Occupation	645	35	Traditional Occupation	320	38
Exploitation of animals and vegetation	216	25	Exploitation of animals and vegetation	493	21
Industry	4	150	Exploitation of minerals	5	43
Transport	1	—	Industry	18	34
Trade	19	47	Transport	5	8
Public Force	4	—	Trade	25	17
Public Administration	1	—	Public Force	3	—
Professions and Liberal Arts	36	17	Public Administration	4	2
Domestic service	24	8	Professions and Liberal Arts	7	34
Insufficiently described occupations	50	229	Persons living on their income	1	46
<b>Kayastha—Writers</b>			Domestic service	23	202
Traditional Occupation	287	10	Insufficiently described occupations	86	53
Exploitation of animals and vegetation	477	7	Unproductive	10	107
Exploitation of minerals	3	28			
Industry	48	5	<b>Kumbhar—Potters</b>		
Transport	5	28	Traditional Occupation	486	39
Trade	29	8	Exploitation of animals and vegetation	405	22
Public Force	8	—	Exploitation of minerals	9	70
Professions and Liberal Arts	25	9	Industry	18	30
Persons living on their income	5	13	Trade	16	92
Domestic service	73	4	Transport	5	112
Insufficiently described occupations	36	16	Public Force	1	—
Unproductive	—	4	Public Administration	2	12
<b>Khatri—Carpenters</b>			Professions and Liberal Arts	5	82
Traditional Occupation	312	12	Persons living on their income	1	25
Exploitation of animals and vegetation	603	18	Domestic service	9	8
			Insufficiently described occupations	41	85
			Unproductive	2	93

## SUBSIDIARY TABLE V—(contd.)

## Occupation of Selected Castes

Caste and Occupation	Number per 1,000 workers engaged on each occupation.	Number of female workers per 100 males.	Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males
1	2	3	1	2	3
<b>Ledhi—Agriculturists.</b>			<b>Miraths—Military</b>		
Traditional Occupation	519	4	Traditional Occupation	162	—
Exploitation of animals and vegetation	410	16	Exploitation of animals and vegetation	352	50
Industry	9	69	Exploitation of minerals	1	40
Transport	5	2	Industry	7	25
Trade	4	14	Transport	15	6
Public Force	2	—	Trade	30	14
Public Administration	2	—	Public Administration	163	—
Professions and Liberal Arts	2	28	Professions and Liberal Arts	42	30
Domestic service	8	6	Persons living on their income	15	75
Insufficiently described occupations.	38	67	Domestic service	162	19
Unproductive	1	22	Insufficiently described occupations.	65	118
<b>Lehar—Blacksmiths.</b>			Unproductive	6	227
Traditional Occupation	373	14	<b>Mirdha—Village Watchmen.</b>		
Exploitation of animals and vegetation	477	25	Traditional Occupation	164	—
Exploitation of minerals	6	25	Exploitation of animals and vegetation	662	21
Industry	34	18	Exploitation of minerals	6	64
Transport	4	2	Industry	5	36
Trade	23	4	Transport	7	64
Public Force	1	—	Trade	30	377
Public Administration	5	—	Public Force	5	—
Professions and Liberal Arts	9	34	Public Administration	8	—
Persons living on their income.	—	25	Professions and Liberal Arts	1	500
Domestic service	17	25	Domestic service	34	7
Insufficiently described occupations.	47	14	Insufficiently described occupations.	85	177
Unproductive	4	44	Unproductive	3	62
<b>Mal—Carpenters.</b>			<b>Mal—Barbers &amp; Hair-dressers.</b>		
Traditional Occupation	132	82	Traditional Occupation	503	10
Exploitation of animals and vegetation.	710	34	Exploitation of animals and vegetation.	581	19
Exploitation of minerals	19	217	Exploitation of minerals.	5	148
Industry	9	42	Industry	19	408
Transport	10	10	Trade	13	171
Trade	28	81	Public Force	1	—
Public Force	15	—	Public Administration	4	—
Public Administration	4	2	Professions and Liberal Arts	13	600
Professions and Liberal Arts.	7	22	Persons living on their income.	—	100
Domestic service	15	6	Domestic service	17	38
Insufficiently described occupations.	48	83	Insufficiently described occupations.	42	174
Unproductive	3	90	Unproductive	2	34

## SUBSIDIARY TABLE V—(contd.)

## Occupation of Selected Castes

Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males	Caste and Occupation	Number per 1,000 workers engaged on each occupation	Number of female workers per 100 males
1	2	3	1	2	3
<b>Rajput—Military</b>			<b>Teli—Oil manufacturers</b>		
Traditional Occupation	62		Traditional Occupation	399	44
Exploitation of animals and vegetation	344	7	Exploitation of animals and vegetation	495	17
Industry	14	10	Industry	10	22
Transport	4	2	Transport	—	2
Trade	11	12	Trade	30	26
Public Administration	11		Public Force	1	
Professions and Liberal Arts	6	17	Public Administration	2	
Persons living on their income		39	Professions and Liberal Arts	4	28
Domestic service	19	12	Persons living on their income	1	26
Insufficiently described occupations	26	71	Domestic service	11	15
Unproductive	3	36	Insufficiently described occupations	39	82
<b>Sahariya—Hunters and Collectors of Jungle Products</b>			Unproductive	3	46
Traditional Occupation	175	141	<b>Bohra—Traders</b>		
Exploitation of animals and vegetation	565	34	Traditional Occupation	748	21
Exploitation of minerals	2		Exploitation of animals and vegetation	79	33
Industry	19	53	Industry	32	14
Transport	5	7	Transport	24	11
Trade	22	46	Public Force	7	
Public Administration	2		Public Administration	44	
Professions and Liberal Arts	4	30	Professions and Liberal Arts	19	23
Domestic service	14	13	Persons living on their income	8	16
Insufficiently described occupations	187	78	Domestic service	11	30
Unproductive	5	18	Insufficiently described occupations	23	366
<b>Sonar—Goldsmiths</b>			Unproductive	5	100
Traditional Occupation	542	9	<b>Faqir—Beggars</b>		
Exploitation of animals and vegetation	344	11	Traditional Occupation	569	12
Exploitation of minerals	1		Exploitation of animals and vegetation	250	43
Industry	23	35	Industry	24	60
Transport	2		Transport	11	6
Trade	30	19	Trade	29	4
Public Force	2		Public Force	5	
Public Administration	3		Public Administration	15	3
Persons living on their income	1	8	Professions and Liberal Arts	30	22
Professions and Liberal Arts	6	18	Persons living on their income	3	36
Domestic service	9	14	Domestic service	24	16
Insufficiently described occupations	34	108	Insufficiently described occupations	40	88
Unproductive	3	155			

## SUBSIDIARY TABLE V —(concl'd)

## Occupation of Selected Castes.

Caste and Occupation	Number per 1 000 workers engaged on each occupation	Number of female workers per 100 males	Caste and Occupation	Number per 1 000 workers engaged on each occupation	Number of female workers per 100 males
1	2	3	1	2	3
<b>Memis—Weavers</b>			<b>Mullah—Priests.</b>		
Traditional Occupation ..	590	40	Traditional Occupation ..	143	—
Exploitation of animals and vegetation.	134	30	Exploitation of animals and vegetation.	143	—
Industry ... ..	37	18	Trade ... ..	286	—
Trade ... ..	39	25	Domestic service ..	428	—
Public Force... ..	2	—			
Public Administration ..	13	—			
Professions and Liberal Arts.	29	30			
Persons living on their income.	9	—			
Domestic service ..	48	83			
Inefficiently described occupations.	75	48			
Unproductive .. ..	2	—			

**SUBSIDIARY TABLE VI —(A)**  
**Number of Persons Employed in Post and Telegraph**

Class of Persons employed	POST OFFICE		TELEGRAPH DEPARTMENT		TELEPHONE DEPARTMENT	
	Europeans and Anglo Indians	Indians	Europeans and Anglo-Indians	Indians	Europeans and Anglo Indians	Indians
1	2	3	4	5	6	7
<b>Total Persons Employed ..</b>		841		69	.	63
Supervising Officers including probationary Superintendents and Inspectors of Post Offices and Assistant and Deputy Superintendents of Telegraphs and all officers of higher rank than these		20		1	.	6
Postmasters including Deputy Assistant, Sub and Branch Postmasters		174				
Signaling establishment including warrant officers, non commissioned officers, military telegraphists and other employees	.			9		.
Miscellaneous agents, school masters, etc.		61		42		
Clerks of all kinds		117				18
Postmen		382				
Skilled labour establishment including foremen, instrument makers, carpenters, blacksmiths, mechanics, sub inspectors, line men and riders and other employees				9	.	27
Unskilled labour establishment including line coolies, cable guards, battery men, telegraph messengers, peons and their employees.	..	39		8		11
Road establishment consisting of overseers, runners, clerks and booking agents, boatmen, syces, coachmen, bearers and others		39				1
<i>Railway Mail Service</i>						
Supervising officers (including sopdts, inspectors of sorting)					..	
Clerks of all kinds		1				
Sorters		3				
Mail guards, mail agents, van peons, porters, etc.		5				

**SUBSIDIARY TABLE VI —(B)**  
**Number of Persons employed in Irrigation Department**

Class of Persons employed	Europeans and Anglo Indians	Indians
1	2	3
<b>Total Persons Employed ..</b>		815
<i>Persons directly Employed</i>		460
Officers	.	11
Upper subordinates	.	30
Lower subordinates		46
Clerks		226
Peons and other servants		147
Coolies		
<i>Persons indirectly Employed</i>		355
Contractors		160
Contractors' regular employees	.	
Coolies		195

## CHAPTER IX.

### LITERACY

#### I. Introductory

Statistics.

108. The Imperial Tables dealt with in this chapter are XIII and XIV the former showing literacy as distributed by age, sex and religion, and the latter the literates among certain castes. In the Subdiary Tables at the end of this chapter the more important facts to be gathered from the figures are shown in proportional form.

The Meaning of the Statistics.

109. The test for the determination of literacy has varied from census to census. Up to 1891 a distinction was made between those able to read and write and those merely learning to read and write. In 1901 the term included only those actually able to read and write, but no standard of ability was set. A clear test of literacy was first adopted in 1911 when it was laid down that those only were to be entered as literates, who could read and write a letter. This test has since been retained and the returns are therefore comparable with those of 1921 and 1911.

The information concerning literacy was recorded in column 16 of the General Schedule; and column 17 was filled in for those who were also literate in English. An attempt was made to record in column 16 the particular language of literacy but it has not been considered worth while to tabulate the results.

Before proceeding to discuss the figures it is necessary to point out that in Imperial Table XIII all the literates below 8 years of age have been excluded and that the age-groups of literates have also been smoothed as those of the general population ( *vide* Chapter IV )

#### II. Extent of Literacy

General

110. The number of persons recorded as literates in the sense of being able to read and write a letter has during the decade risen from 110 348 to 141,342 or by 28 per cent against an increase in the population of 10.3 per cent. Of the total number of literates 126 147 are males and 15 195 are females. In 1921 the figures were 100 659 males and 9 689 females. The increase since 1921 is therefore 28 per cent for all, 25 per cent for males and over 58 per cent for females. In other words, out of 1 000 persons aged 5 and over 47 are literate against 40 in 1921 78 males against 61 in 1921 and 11 females as against 7. The difference in the matter of literacy between the sexes, though diminishing, is still enormous.

Comparison with other Provinces and States

111. As might be expected the State with its large proportion of low castes and scattered area is still well behind other states and





# MAP OF THE OWALOR STATE

LEGEND

INDICATIONS OF LITERATURE DIFFERENCES IN TRACTS

AND TRACTS OF THE TRACTS

(GIVEN)

TRACTS OF THE

TRACTS OF THE

LEGEND

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# LITERACY IN GWALIOR STATE

AMONG THE POPULATION AT LARGE

GIRD BHIND TONWARGHAR SHEDPUR NARWAR ISAGARH BHILSA UJJAIN MANDSAUR SHAJAPUR AMJHER

GIRD

BHIND

TONWARGHAR

SHEDPUR

NARWAR

ISAGARH

BHILSA

UJJAIN

MANDSAUR

SHAJAPUR

AMJHER

UNIVERSITY OF  
MADRAS  
1955

1955

1955

1955

1955

1955

1955

1955

1955

1955

1955

provinces in respect of the literacy of its population Here are the figures —

figures —					
LITERATES PER 1,000 AGED 5 AND OVER					
Province or State			Persons	Males	Females
1	Burma	..	369	560	165
2.	Baroda	..	209	331	79
3.	Delhi	.	163	223	72
4.	Ajmer-Merwara		125	203	35
5.	Bengal	---	110	180	32
6	Mysore	..	106	174	33
7	Madras	..	104	188	30
8	Bombay		102	167	29
9.	Assam		91	152	23
10.	Central Provinces		60	110	11
11	Punjab	---	59	95	15
12.	United Provinces	---	55	94	11
13.	Behar and Orissa		52	95	8
14.	Central India	---	52	92	9
15	N-W Frontier Province		49	80	12
16	Baluchistan	..	48	76	11
17.	Hyderabad	---	47	83	10
18	Gwalior		47	78	11

112 The accompanying map and diagram show the proportion and extent of literacy in the various districts of the State.

Distrib  
Locality

The Southern Plateau stands first in the case of either sex ( 94 and 15 per mille respectively ), next follows Plain ( with 83 and 11 per mille), then the Hilly (with 64 and 7 per mille) and last of all the Northern Plateau (with 50 and 5 per mille) In 1921 the Northern and Southern sections of the Plateau were treated as one Natural Division and consequently the ratio of literates in that Division was lower than that found in the Plain Taking the Northern and Southern sections of the Plateau as two separate divisions we find, as the following figures show, that the position in

Natural Divisions	1931			1921		
	Persons	Males	Females	Persons	Males	Females
Southern Plateau	56	94	15	45	78	8
Plain	51	83	11	47	77	10
Hilly	36	64	7	30	53	6
Northern Plateau	29	50	5	21	38	3

19\*1 of the Natural Divisions in point of literacy was practically the same as on the present occasion. The case of the Northern Plateau appears to be extraordinary. One would not have expected it to be beaten by the Hilly Division. There is nothing to choose between the two tracts as regards the preponderance of primitive tribes. But the Northern Plateau has two great disadvantages: firstly it is a region of distances and secondly it has a relatively small number of educational institutions.

The following table furnishes an interesting view of the distribution of literacy among the various districts and Natural Divisions of the State —

Locality	Number of school	Average number of villages per school	Male population per school	Literate males per 1 000 aged 5 and over
Gird ...	137	6	1 443	140
Bhind ...	165	5	1,583	62
Tonwarghar	118	7	1,735	57
Sheopur ...	41	14	1,778	62
Plain ..	461	7	1 827	83
Narwar ...	61	21	3 468	38
Ima b ...	90	21	2 462	61
Northern Plateau	151	21	1 868	80
Bhilsa ...	41	22	3 002	64
Ujjain ...	93	1	2,272	109
Mandla r ...	67	14	2,099	128
Shajapur ...	68	16	2,573	68
Southern Plateau	269	18	2 415	94
Amjher (Hilly) ...	36	16	2 234	64

The table shows that the correspondence between literacy and the provision of educational facilities is fairly close. Conditions in the Southern Plateau and Hilly Divisions and in the districts of Sheopur and Gird are however exceptional. Most of the large towns are situated on the Plateau and the population is prosperous and contains a preponderance of literate immigrants. In Sheopur and Amjher also the literate foreigners send the ratio up to 62 and 64 respectively. The high position of Gird is due to the inclusion of the Capital City of Lashkar where one male in every three is able to read and write. In the case of the remaining districts the influence of the educational institutions is reflected in their literacy figures. The most ill-equipped and consequently the least educated district is Narwar while Bhind is the most favoured and much the most literate.

118 Taking the actual figures we find that the actual number of literate males has increased by 25 per cent during the decade. The following



# NUMBER PER MILLE WHO ARE LITERATE IN EACH RELIGION - 1931

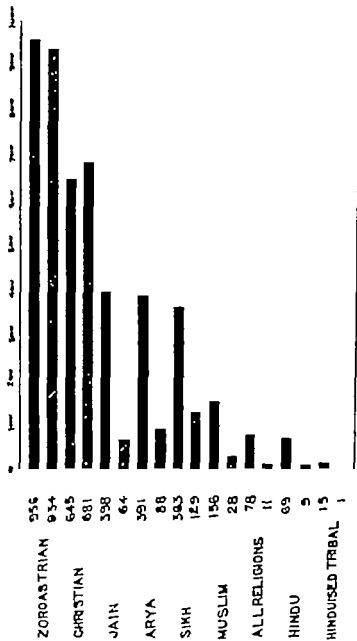


table shows the increase that has taken place in the number of male literates in each district —

District	Variation per cent in population	INCREASE IN LITERACY	
		Actual	Per cent
Gird	+ 11.7	2,621	12
Bhind	+ 9.4	1,118	10
Tonwarghar	+ 9.8	1,851	30
Sheopur	+ 9.7	959	33
Narwar	+ 6.6	1,869	37
Isagarh	+ 11.8	3,609	15
Bhilsa	- 3.7	1,392	26
Ujjain	+ 18.2	4,803	32
Mandsaur	+ 14.5	3,845	33
Shajapur	+ 9.6	1,701	20
Amjhera	+ 17.2	1,182	38
State	+ 10.3	24,950	25

The spread of literacy among females has been remarkable. In the State, as a whole, the number of literate females has risen by 57 per cent. The greatest advance has taken place in Bhilsa, where the number is double what it was 10 years ago, and the improvement in the Ujjain and Mandsaur districts is nearly as great. Gird and Narwar are the only districts where no increases have taken place.

114 The local variations in the proportion of literates depend largely on the religious persuasion of the inhabitants of the locality. The diagram opposite shows the proportion of literates in each religion. The greatest amount of literacy is met with among the Zoroastrians, partly on account of the inclusion of literate immigrants from Bombay and partly because, so far as males go, they have fewer children below the age of 10 than any of the other religions. In both sexes the Christians come next. Their high proportion is to some extent due to the number of Europeans and Anglo Indians among them. Dividing the whole Christian community into Europeans and Anglo Indians on the one side and Indian Christians on the other side we find that the former are all literate while of the latter only 58 per cent are literate. Next to the Christians the proportion of male literates is highest among the Jains but their neglect of female education is striking. The Arya males hold a place below the Jain males in point of literacy but the percentage of their literate females is higher than that of the Jain literate females. Sikhs follow next but the proportion of literate females among them exceeds that found amongst the Aryas and the Jains. The followers of the Zoroastrian, Christian, Arya and Sikh religions are almost all of them foreigners and town-dwellers and their number is so small that their figures of literacy are not typical. Hinduism and Mohammadanism, the two religions of the greatest numerical importance, cut a very sorry figure. The Muslims have a better record for both sexes than the Hindus. The reasons for this are —

Distribution by Religion

- (1) There is a preponderance in the former community of foreign born literates, and
- (2) Their proportion living in urban areas is five times greater than that of the Hindus and since facilities for education are far



greater in urban than in rural areas we should expect a larger proportion of literates among them.

The Hinduised Tribes come last. Only 15 males in one thousand are literate and there are practically no literate females.

The largest proportion of Jam literate males is found in the Amjhera district and the smallest in Shajapur while Mohammadan males are more numerous in the Ujjain district than elsewhere. Hindu males show more literates in the Gird and Mandla districts than in any other locality. Christian figures need no comment.

Dist. divided by  
Caste.

115 Of the castes, Dakshini Brahmans (9.1 males), Kayasthas (6.81 males) and Marathas (5.13 males) are well educated, the proportion of female literates and persons literate in English being also high among them. Literacy among other important castes namely Banias, Brahmans, Rajputs falls much below this level and the figures for the lower castes are almost negligible.

Turning to the relative progress of literacy disclosed by the caste figures, we find that the Kayasthas come out first with the highest percentage: the second place being taken by the Marathas and the third by the Dakshini Brahmans. The figures are given below:—

Caste				INCREASE IN THE PERCENTAGE OF LITERACY SINCE 1921		
				Persons	Males	Females
(1) Kayasthas	---	---	---	55	62	33
(2) Marathas	---	---	---	40	56	37
(3) Dakshini Brahmans	--	--	--	39	39	51

### III Progress of Education.

116 We have already seen that the change in the method of age adjustment has on this occasion affected the various age groups to a degree that comparison with the corresponding age-groups of the earlier censuses is practically impossible. A rough idea of the progress of education may however be obtained by dealing only with the age-periods 15-20 and 20 and over. In the former the disturbance caused by the process of age adjustment is, as will be seen from the marginal table in paragraph 56 of Chapter IV at its minimum while the latter group is too wide to be affected by the new arrangement.

The age period 15-20 best exhibits the progress of education, as it contains the largest proportion of children who have been under effective instruction during the preceding quinquennium. A comparison of the literacy figures of these ages shows that the proportion of literates among males in the State has increased from 7.8 per mille in 19\*1 to 8.9 in 1931 or by over 11 per mille; the increase in the Plain Division being 18 in the Northern Plateau 30 in the Southern 8 and in the Hilly 12. The largest increases as might

be expected have occurred in exactly those districts which afford the widest scope for improvement. The rise has been most conspicuous in Isagarh, Tonwarghar, Sheopur and Amjhera, while Gird and the well advanced districts of the Southern Plateau all lag behind.

There has been special progress in literacy among Mohammadans who have now 174 literate males aged 15-20 per thousand as against 145 in 1921. The proportion among Jains has declined from 511 to 459 and that among Hindus has risen from 69 to 80.

The increase in the proportion of female literates of this age is most marked in the Plain and Southern Plateau Divisions. The absolute figures are, however, too small for any definite conclusion to be drawn, the presence of a few literate girls in the families of traders or State officials is quite sufficient to make a considerable impression on the figures per thousand.

The last age period, 20 and over, is on a different plane altogether. The ratio of literate males in this age-group cannot be maintained as high as that in the age-group 15-20 as it is diluted with the illiterate remainders of the earlier generations living at its higher ages. The ratio of male literates in this age period has risen from 83 per mille in 1921 to 94 in 1931. The increase has been general and is not confined to any locality or religion. It would, however, be dangerous to conclude that there has been in this group any increase in literacy since 1921 as the proportion of males aged 20 and over has decreased from 530 per mille in 1921 to 509 per mille in 1931.

117 The figures discussed above are those for literacy. Subsidiary Table VIII summarises the state of education in the State. Financial stringency has caused a small drop in the number of primary schools since 1921, but at the same time the number of scholars has increased by about 9,000 in the primary schools and 5,000 in the secondary schools. Adding to these the number under instruction in the 258 aided and self-supporting schools the total number of scholars in 1931 was 64,031.

Comparison of  
Figures of Edu-  
cation with  
those of Literacy

There is no obvious comparison possible between the figures of education and those of census literacy. But a comparison between the number of scholars who were under instruction in the primary schools in 1921 with the figures of census literacy for the age-period 15-20 is not altogether devoid of interest. The figures are given below. The comparison is necessarily

NUMBER OF SCHOLARS IN PRIMARY SCHOOLS IN 1921		NUMBER WHO HAVE BEEN RETURNED LITERATE IN AGE PERIOD 15-20 IN 1931 CENSUS	
Males	Females	Males	Females
1	2	3	4
24,482	5,128	16,723	2,360

defective, because it is based on a number of assumptions and approximations. Nevertheless the figures are impressive and show the very high pro-

portion of wastage. It takes 24 483 primary school boys to produce 16 723 census literates ! The figures for females are more disappointing still.

#### IV Literacy in Cities

118 The question of literacy in cities requires little comment. The figures are naturally considerably higher than those for the State as a whole. Ujjain surpasses Lashkar in respect of literacy. The proportion of literate Hindus is higher than that of literate Muslims but against this has to be put the fact that there are proportionately far more Muslims who reside in cities than Hindus.

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**Literacy by Age, Sex, and Religion.**

LITERACY BY RELIGION																	
Religion	NUMBER PER MILLE WHO ARE LITERATE										NUMBER PER MILLE WHO ARE ILLITERATE				NUMBER PER MILLE WHO ARE LITERATE IN ENGLISH		
	ALL AGES 5 & OVER		5-10		10-15		15-20		20 AND OVER		ALL AGES 5 & OVER		ALL AGES 5 & OVER		ALL AGES 5 & OVER		
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Persons	Males	Females	Per- sons	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
All Religions	47	78	11	31	7	54	10	89	14	94	11	953	922	989	5	8	1
1 Hindu	41	69	9	27	5	48	8	80	12	82	9	959	931	991	4	7	20
2 Arya	270	391	88	239	137	304	120	348	123	459	57	730	609	912	55	86	
3 Hindused Pri mitive Tribes	8	15	1	18		18	1	24	1	12	1	992	985	999			
4 Muslim	97	156	28	59	15	100	23	174	34	229	118	903	844	972	10	18	2
5 Jain	245	398	64	214	49	296	65	459	95	535	103	755	602	934	14	25	1
6 Christian	666	645	681	538	667	542	764	786	671	666	678	334	355	319	413	398	429
1 Indian	578	548	606	508	640	653	770	727	640	554	559	422	452	394	260	234	282
2 Others	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000				1,000	1,000	1,000
7 Zoroastrian	943	956	934	750	636	714	727	1,000	928	1,000	1,000	57	44	66	550	844	331
8 Sikh	282	363	129	170	222	294	208	452	100	407	91	718	637	871	60	80	21

## SUBSIDIARY TABLE II

## Literacy by Age, Sex, and Locality

District and Natural Division	NUMBER PER MILE WHO ARE LITERATE										
	ALL AGES 5 AND OVER		5—10		10—15		15—20		20 AND OVER		
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12
Gwalior State...	47	78	11	31	7	84	10	89	14	94	11
Natural Divi- sions—											
1 Plain	51	83	11	34	7	59	12	100	17	98	12
2. Northern Plateau.	29	50	5	23	4	39	5	61	6	58	4
3. Southern Plateau	56	94	15	36	8	62	12	99	17	114	17
4 Hilly	36	64	7	18	4	41	8	81	12	82	7
Districts—											
1 Gird	88	140	23	56	16	90	26	162	33	164	22
2 Bhind	57	62	6	27	5	46	7	73	10	73	5
3. Tonwarghar	34	57	5	25	3	50	5	74	7	64	9
4 Sheopur	38	62	9	23	4	49	9	81	14	73	9
5. Nazwar	22	38	3	15	2	26	4	41	5	47	3
6 Jangarh	35	61	6	31	6	51	7	81	7	69	6
7 Bhilua	38	64	8	24	7	37	8	60	8	83	8
8. Ujjain	67	109	22	38	8	69	14	112	25	133	27
9 Mandawar	76	128	19	47	14	82	20	133	24	158	19
10. Shajapur	40	68	8	31	5	54	7	81	10	77	8
11 Amjhera	36	64	7	18	4	41	8	81	12	82	7
1 Lashkar city	195	307	57	156	46	237	72	346	75	339	53
2. Ujjal city	254	357	122	203	41	262	66	369	135	395	147

## SUBSIDIARY TABLE III

## Literacy by Religion, Sex and Locality

Locality	NUMBER PER MILLE WHO ARE LITERATE AMONG (All ages 5 years and over)									
	HINDUS		MUSLIMS		JAINS		CHRISTIANS		OTHERS	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	8	7	9	10	11
Gwalior State	69	9	156	28	398	64	648	681	475	436
Natural Divisions										
1 Plain	75	11	166	28	348	65	710	581	573	480
2 Northern Plateau	44	4	144	15	331	29	588	667	267	62
3 Southern Plateau	81	12	150	30	443	80	632	718	403	246
4 Hilly	52	6	177	35	538	56				
Districts										
1 Gird	130	20	190	38	464	124	752	617	731	492
2 Bhind	53	9	126	11	321	46	1,000	1,000	429	
3 Tonwarghar	53	5	143	17	259	34	231	111	118	
4 Sheopur	70	8	128	15	520	202			556	400
5 Narwar	32	3	157	19	329	15		1,000	433	143
6 Isagarh	56	5	136	12	332	37	588	615	243	57
7 Bhilsa	57	6	130	10	386	56	1,000	500	556	267
8 Ujjain	92	16	187	52	475	150	534	578	241	74
9 Mandsaur	108	16	172	17	519	53	712	787	712	693
10 Shajapur	63	6	84	17	303	51			407	88
11 Amjhera	52	6	177	35	538	56				
Lashkar City	328	57	218	43	506	157	895	687	683	500
Ujjain City	371	111	311	122	395	291	837	867	500	400

## SUBSIDIARY

## English Literacy by Age

Natural Divisions and Districts	LITERATE IN ENGLISH					
	1931					
	5-10		10-15		15-20	
	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7
Gwalior State	17	2	42	8	102	9
Natural Divisions						
1 Plain — —	22	9	53	11	135	11
2. Northern Plateau —	12	—	27	1	46	2
3. Southern Plateau —	16	4	43	6	108	2
4 Hilly — —	6	—	18	—	71	3
Districts						
1 Gird — —	63	13	143	28	358	35
2. Bhind — —	7	—	18	—	42	—
3 Tonwarghar — —	7	—	19	—	36	—
4 Shapur — —	11	—	32	1	57	3
5 Narwar — —	9	—	19	—	37	—
6. Imurb — —	15	—	33	2	56	3
7. Bhoja — —	9	—	27	—	62	1
8. Ujjain — —	25	4	71	5	176	17
9 Mandla — —	18	9	53	17	131	26
10. Shajapur — —	8	—	13	—	34	—
11. Amjhera — —	6	—	18	—	71	3
Lashkar City — —	241	50	549	85	1 184	107
Ujjain City — —	123	21	319	45	532	112

TABLE IV.

Sex, and Locality

PER 10,000

20 AND OVER		ALL AGES 5 YEARS AND OVER		1921 ALL AGES 5 YEARS AND OVER		1911 ALL AGES		1901 ALL AGES	
Males	Fe males	Males	Females	Males	Fe males	Males	Fe- males	Males	Fe males
8	9	10	11	12	13	14	15	16	17
99	7	79	6	56	2	27	1	15	1
124	6	100	6	80	6	38	1	25	1
44	1	36	1	17	1	10		8	
80	13	87	10	57	4	25	1	10	1
70		51		13		4		10	
316	20	265	222	43	19	102	6	58	2
39		32		13		5		4	
42		32		20		32		6	
63		49	1	19	1	7		16	
37		30		12	1	5	1	6	
50	2	42	2	24	1	18	1	11	
74	1	56	1	25	2	19		30	1
161	26	131	19	90	3	46	2	14	5
157	17	119	17	99	14	30	5	10	1
37		30		20	1	11	..	7	
70		51		13		4		10	..
912	60	823	68	528	63	330	11		...
638	180	540	134					..	-



## SUBSIDIARY TABLE V

Literacy by Caste 1931 and 1921

Caste Tribe or Race	NUMBER PER 1,000 WHO ARE LITERATE						NUMBER PER 10,000 WHO ARE LITERATE IN ENGLISH					
	1931			1921			1931			1921		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Ahir ...	10	18	1	—	—	—	3	6	—	—	—	—
2. Balcl ...	2	3	—	—	—	—	—	—	—	—	—	—
3. Bacl ...	174	263	91	226	384	30	136	210	1	102	180	5
4. Beragi ...	57	63	6	—	—	—	11	20	—	—	—	—
5. Bhil ...	2	5	—	—	—	—	—	1	—	—	—	—
6. Bhalala ...	7	13	—	—	—	—	—	—	—	—	—	—
7. Brahman (except Dakshini)	110	164	37	—	—	—	96	160	1	—	—	—
8. Brahman (Dakshini)	612	921	256	414	655	163	2,416	4,381	147	1,134	2,001	77
9. Chamar ...	3	5	—	—	—	—	—	1	—	—	—	—
10. Gadariya ...	4	6	—	—	—	—	2	4	—	—	—	—
11. Gujar ...	7	12	1	—	—	—	3	6	1	—	—	—
12. Kachhi ...	14	25	1	—	—	—	2	4	1	—	—	—
13. Kayastha ...	416	631	128	335	502	118	557	889	110	652	1,121	44
14. Kitar ...	7	13	—	—	—	—	4	7	1	—	—	—
15. Koli ...	9	14	2	—	—	—	2	4	—	—	—	—
16. Kumbhar ...	5	9	1	—	—	—	2	3	—	—	—	—
17. Lodhi ...	8	14	—	—	—	—	3	8	—	—	—	—
18. Maratha ...	336	513	104	284	462	83	672	1,132	69	475	865	40
19. Mina ...	5	9	—	—	—	—	1	1	—	—	—	—
20. Mircha ...	10	18	1	—	—	—	22	40	—	—	—	—
21. Nai ...	23	41	2	—	—	—	11	19	1	—	—	—
22. Rajput Bhadwariya	105	166	8	—	—	—	27	44	—	—	—	—
23. Rajput Chauha	93	163	11	—	—	—	50	90	2	—	—	—
24. Rajput Kachhwaha	55	83	12	75	113	17	38	58	7	22	36	—
25. Rajput Raghobanshi	49	82	11	—	—	—	16	30	1	—	—	—
26. Rajput Tonwar	78	122	7	40	50	9	31	49	2	14	21	2
27. Sahariya ...	—	—	—	—	—	—	—	—	—	—	—	—
28. Sonblia ...	—	4	—	—	—	—	2	3	—	—	—	—
29. Tili ...	19	29	7	—	—	—	6	10	1	—	—	—

SUBSIDIARY TABLE VI.  
Progress of Literacy since 1901 ( Four Decades )

Natural Divisions and Districts		NUMBER OF LITERATES PER MILLE														20 AND OVER																				
		ALL AGES 10 AND OVER														15--20																				
		Males					Females					Males					Females					Males					Females									
		1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901	1931	1921	1911	1901							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25												
Gwalior State	87	77	51	57	12	8	2	1	89	78	59	70	14	11	4	2	94	83	71	52	11	7	3	1												
Natural Divisions																																				
1 Plain	112	88	50	59	13	10	2	1	100	84	55	86	17	13	3	98	92	70	56	12	9	2	1													
2 Northern Plateau	55	45	33	31	5	3	1	1	61	47	42	35	6	5	1	2	58	46	49	41	4	3	1													
3 Southern Plateau	103	90	64	56	16	9	3	1	99	91	77	76	17	12	5	2	114	95	90	57	17	7	3	1												
4 Hilly	74	63	51	61	8	7	4		81	68	72	121	12	11	6	10	82	67	75	53	7	6	4													
Districts																																				
1 Gird	153	152	106	116	25	24	5	1	162	151	104	153	33	33	7	4	164	161	143	101	22	22	6	2												
2 Balid	146	68	31	29	7	4	1		73	62	44	29	10	6	2	1	73	72	38	29	5	3	1													
3 Tonwarghar	48	56	27	28	6	4			74	57	33	76	7	5		2	64	56	37	24	9	4														
4 Sheopur	70	57	42	63	10	8	2		81	53	48	85	14	8	4		73	59	39	63	9	7	2													
5 Narwar	42	34	29	23	3	3	1		41	33	37	17	5	4	1		47	37	43	31	3	3	1													
6 Isagarh	68	54	38	41	6	4		1	81	61	49	49	7	6		3	69	57	54	44	6	4	1													
7 Bhilsa	72	55	45	48	8	4	1		60	60	67	54	8	7	2	2	83	60	61	42	8	4	1													
8 Ujjain	120	107	83	64	24	13	7	4	112	121	97	92	25	18	11	4	133	109	113	57	27	12	8	2												
9 Mandasaur	142	125	93	93	20	12	4		133	107	94	113	24	14	7	2	158	140	136	89	19	11	5													
10 Shajapur	74	71	39	38	8	6	1		81	79	49	44	10	12	2	1	77	72	52	38	8	5	1													
11 Amjhara	74	63	51	61	8	7	4		81	68	72	121	12	11	6		82	67	75	53	7	6	4													

## SUBSIDIARY

## Proportion of Literacy

Age-Group	TOTAL POPULATION			TOTAL LITERATE		
	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7
Swatkar State	2,912,205	1,516,473	1,395,732	139,234	124,357	14,877
7—13 years	398,971	324,517	274,454	16,271	13,851	2,420
14—16 years	260,942	141,744	119,198	14,092	12,236	1,856
17—23 years	443,201	230,541	212,660	23,493	20,724	2,771
24 years and over	1,609,091	819,671	789,420	85,376	77,546	7,830
Natural Divisions						
Plain	1,110,389	569,849	540,540	56,352	50,802	5,550
7—13 years	215,030	121,064	93,966	6,646	5,696	945
14—16 years	95,662	53,480	42,182	5,725	4,933	792
17—23 years	158,083	85,412	72,671	10,139	9,009	1,130
24 years and over	641,614	309,893	331,721	33,842	31,162	2,680
Northern Plateau	664,621	353,729	310,897	20,132	18,592	1,540
7—13 years	147,031	79,628	67,403	2,833	2,470	363
14—16 years	65,964	36,331	29,633	2,485	2,273	212
17—23 years	101,886	53,078	48,808	3,473	3,211	262
24 years and over	349,740	184,692	165,048	11,341	10,636	703
Southern Plateau	1,011,937	529,798	482,139	57,942	50,848	7,094
7—13 years	207,608	108,979	98,629	6,319	5,290	1,029
14—16 years	87,246	46,034	41,212	5,319	4,567	752
17—23 years	164,157	82,657	81,500	9,026	7,732	1,294
24 years and over	552,926	292,128	260,798	37,278	33,059	4,219
Hilly	125,258	63,097	62,161	4,808	4,315	493
7—13 years	29,302	14,846	14,456	473	393	80
14—16 years	12,070	5,899	6,171	563	463	100
17—23 years	19,075	9,394	9,681	837	772	65
24 years and over	64,811	32,958	31,853	2,915	2,687	228
Districts						
Gird	371,731	163,722	208,009	27,798	24,480	3,318
7—13 years	56,957	31,489	25,468	3,012	2,445	567
14—16 years	27,576	13,119	12,257	2,323	1,868	455
17—23 years	48,381	25,930	22,431	5,486	4,785	701
24 years and over	239,017	91,184	147,833	16,977	15,382	1,595
Bhind	340,076	187,267	152,809	13,306	12,316	990
7—13 years	68,395	38,531	29,864	1,683	1,478	205
14—16 years	29,724	16,711	13,013	1,303	1,172	131
17—23 years	50,601	26,886	23,715	2,251	2,013	238
24 years and over	191,356	105,139	86,217	8,069	7,653	416
Tonwargha	297,022	168,419	128,603	10,865	10,105	760
7—13 years	64,640	37,247	27,393	1,441	1,320	121
14—16 years	28,861	16,690	12,171	1,531	1,424	107
17—23 years	44,100	24,621	19,479	1,755	1,636	119
24 years and over	159,421	89,861	69,560	6,138	5,725	413

NOTE.—Only population 7 years and over has been treated.

TABLE VII.

at Certain Ages

TOTAL LITERATE IN ENGLISH			PERCENTAGE OF LITERATE TO THE POPULATION			PERCENTAGE OF LITERATE IN ENGLISH TO THE POPULATION		
Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
8	9	10	11	12	13	14	15	16
13,186	12,425	761	4	8	1			
818	744	74	2	4		..		..
1,291	1,197	94	5	8	1			
2,673	2,541	132	5	8	1		1	
8,404	7,943	461	3	9				
6,464	6,139	325	5	9	1	..	1	
430	384	46	3	4	1			..
605	542	63	5	9	1		1	
1,399	1,334	65	6	10	1		1	..
4,030	3,879	151	5	9			1	..
1,402	1,360	42	3	5	..		..	..
133	129	4	1	3				..
189	183	6	3	6			..	
243	234	9	3	6				
837	814	23	3	5				
4,970	4,581	389	5	9	1	..	..	
244	220	24	3	4	1			..
468	443	25	6	9	1			
949	894	55	5	9	1		1	
3,309	3,024	285	6	11	1		1	
350	345	5			..			..
11	11		..		..	..		
29	29				..	..	..	
82	79	3		..				..
228	226	2	..			..		
4,945	4,631	314	7	14	1	1	2	
327	281	46	5	7	2			
451	390	61	9	12	3	1	2	
1,145	1,082	63	11	18	3	2	4	
3,022	2,878	144	7	16	1	1	3	
631	628	3	3					
42	42		2		3			
56	56		4	1	7		..	..
125	124	1	4	1	7	..		..
408	406	2	5		7			..
574	572	2	3	5				..
40	40		2	3				..
59	59		5	8				..
91	91		3	6				..
384	382	2	3	6				

## SUBSIDIARY

## Proportion of Literacy

Age-Group		TOTAL POPULATION			TOTAL LITERATE		
		Persons	Males	Females	Persons	Males	Females
1		2	3	4	5	6	7
Sheopur	..	101,560	50,441	51,119	4,383	3,901	482
7—13 years	...	25,038	13,797	11,241	510	455	55
14—16 years	...	9,701	4,960	4,741	568	469	99
17—23 years	...	15,001	7,975	7,026	647	575	72
24 years and over	...	51,820	23,709	28,111	2,658	2,402	256
Narwar	..	325,379	172,921	152,458	7,443	6,935	508
7—13 years	...	70,752	38,153	32,599	905	805	100
14—16 years	...	30,519	17,021	13,498	730	653	77
17—23 years	...	50,936	26,742	24,194	1,229	1,121	108
24 years and over	...	173,172	91,005	82,167	4,579	4,356	223
Imgarh	...	339,242	180,808	158,434	12,689	11,657	1,032
7—13 years	...	76,279	41,475	34,804	1,928	1,665	263
14—16 years	...	35,445	19,310	16,135	1,755	1,620	135
17—23 years	...	50,950	26,330	24,614	2,244	2,090	154
24 years and over	...	176,568	93,687	82,881	6,762	6,282	480
Bhilsa	...	188,872	100,045	88,829	7,496	6,790	706
7—13 years	...	40,222	21,868	18,354	867	705	162
14—16 years	...	18,152	9,766	8,386	625	546	79
17—23 years	...	31,670	15,733	15,937	1,117	1,001	116
24 years and over	...	98,828	52,676	46,152	4,887	4,538	349
Ujjain	...	533,114	174,542	158,572	23,489	19,828	3,661
7—13 years	...	66,996	34,716	32,280	12,142	1,792	350
14—16 years	...	27,423	14,007	13,416	2,022	1,692	330
17—23 years	...	55,269	28,466	26,803	3,725	3,070	655
24 years and over	...	183,426	97,353	86,093	15,600	13,274	2,326
Mandsaur	...	212,624	109,728	102,896	15,480	13,658	1,825
7—13 years	...	44,888	23,322	21,566	1,882	1,535	347
14—16 years	...	19,118	10,267	8,951	1,512	1,289	223
17—23 years	...	35,653	17,663	17,990	2,355	2,061	334
24 years and over	...	112,865	58,476	54,389	9,694	8,773	921
Shajapur	...	277,373	145,485	131,888	11,474	10,372	1,102
7—13 years	...	55,548	29,053	26,495	1,428	1,258	170
14—16 years	...	22,453	11,994	10,459	1,160	1,040	120
17—23 years	...	41,565	20,798	20,770	1,789	1,600	189
24 years and over	...	157,807	83,643	74,164	7,097	6,474	623
Amliara	...	125,258	63,097	62,161	4,808	4,315	493
7—13 years	...	29,307	14,846	14,456	473	393	80
14—16 years	...	12,070	5,899	6,171	563	463	100
17—23 years	...	19,073	9,394	9,681	857	772	85
24 years and over	...	64,811	32,958	31,853	2,915	2,687	228

NOTE.—Only population 7 years and over has been treated.

TABLE VII —( contd )

at Certain Ages.

TOTAL LITERATE IN ENGLISH			PERCENTAGE OF LITERATE TO THE POPULATION			PERCENTAGE OF LITERATE IN ENGLISH TO THE POPULATION		
Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
8	9	10	11	12	13	14	15	16
314	308	6	4	7				
21	21		2	3				
39	37	2	5	9	2		.	
38	37	1	4	7	1			
216	213	3	5	10				
557	548	9	2	4	.			
48	48	"	1	2	"		"	
60	59	1	2	3	"			
104	101	3	2	4				"
345	340	5	2	4	"			
845	812	33	3	6				"
85	81	4	2	4	"			
129	123	5	4	8	"			
139	133	6	4	7			"	
492	474	18	3	6	.			
598	587	11	4	6				"
28	28	.	3	3	"			
56	55	1	3	5				
112	108	4	3	6		"	"	
402	396	6	5	8			"	"
2,721	2,401	320	7	11	2			.
129	118	11	18	5	1			"
257	236	21	7	12	2		1	
558	510	48	6	10	1	1	1	
1,777	1,537	240	8	13	2		1	
1,197	1,143	54	7	12	1		1	
56	45	11	4	6	1			
128	125	3	7	12	2		1	
197	194	3	6	11	1		1	
816	779	37	8	15	1		1	"
454	450	4	4	7			"	"
31	29	2	2	4		"	"	"
27	27		5	8	1		"	"
82	82		4	7				"
314	312	2	4	7				
350	345	5			"			
11	11				.			"
29	29							"
82	79	3						
228	226	2		"				

## SUBSIDIARY TABLE VIII

*Number of Institutions and Pupils according to the Returns  
of the State Education Department.*

Kind of Institutions	Class of Institutions	1931		1921		1911		1901	
		NUMBER OF		NUMBER OF		NUMBER OF		NUMBER OF	
		Institutions	Scholars	Institutions	Scholars	Institutions	Scholars	Institutions	Scholars
1	2	3	4	5	6	7	8	9	10
All kinds	Arts Colleges	2	320	1	131	1	147	2	136
	Primary Schools	839	38,500	883	29,610	326	13,690	341	13,373
	Secondary Schools	78	17,753	70	12,305	35	6,788	24	5,469
	Special Schools	34	1,176	29	1,113	10	397	6	253
	Total	953	57,499	983	43,159	372	21,022	373	18,311
For Males	Arts Colleges	2	320	1	131	1	147	2	136
	Primary Schools	698	31,935	725	24,482	317	12,743	332	11,548
	Secondary Schools	65	15,336	57	10,290	34	6,195	24	5,469
	Special Schools	31	1,057	27	1,000	10	397	6	253
	Total	796	48,648	810	35,903	362	19,482	364	17,406
For Females	Primary Schools	141	6,315	158	5,128	9	947	9	825
	Secondary Schools	13	2,417	13	2,015	1	593	—	—
	Special School	3	119	2	113	—	—	—	—
	Total	157	8,851	173	7,256	10	1,540	9	825



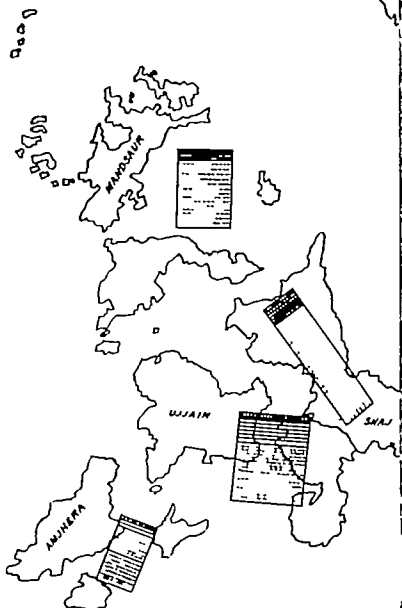


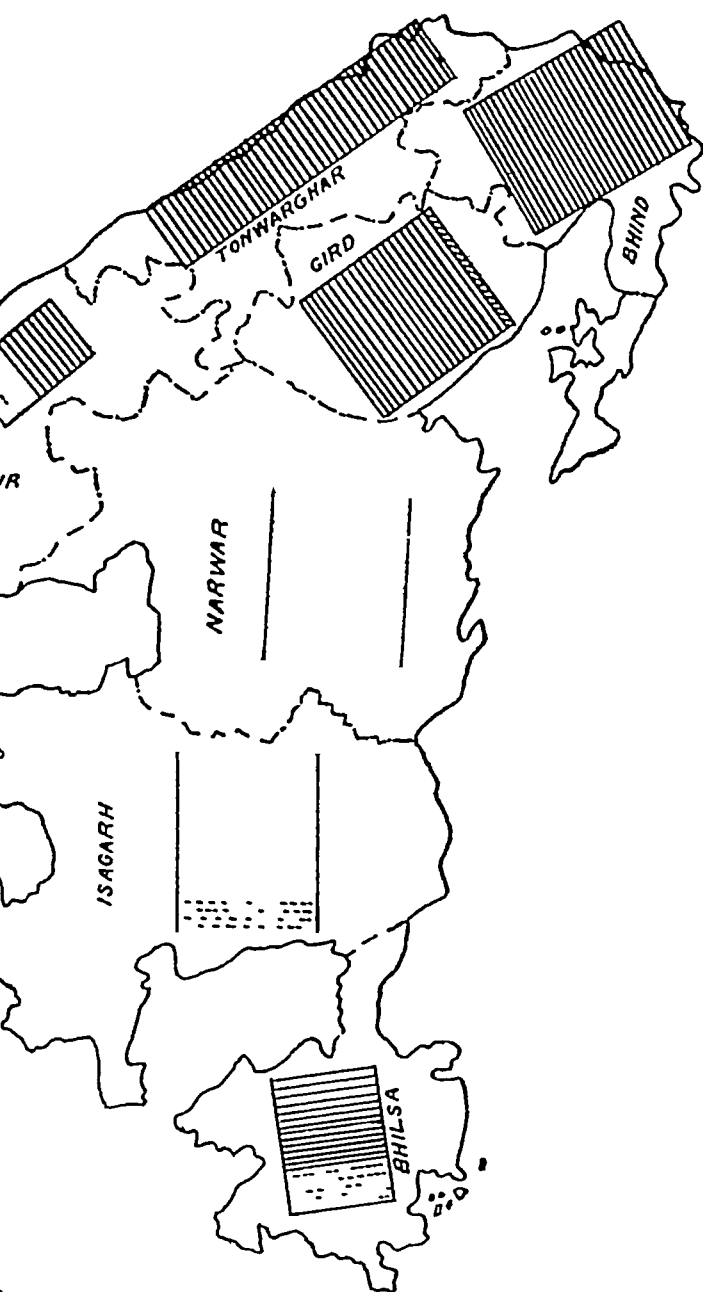
# GWALIOR STATE


## LINGUISTIC MAP

SCALE 1 SQ INCH = 50000 PERSONS

SCALE 32 MILES = 1 INCH






GUJRATI-----

MARATHI-----

WESTERN HINDI-----

RAJASTHANI-----

-----



## CHAPTER X LANGUAGE.

### I Introductory.

119. The information dealt with in this chapter was recorded on the General Schedule in columns 14 and 15 and the results are shown in Imperial Table XV. At the commencement of the chapter is a Linguistic Map and at its end will be found three Subsidiary Tables giving the main facts about the languages of each district in proportional and condensed form.

The instructions at this census in respect to the entries of languages were very clear. In column 14 the enumerator was required to enter a person's genuine mother tongue, *viz.*, the language which he has spoken from the cradle. In column 15 were to be entered any subsidiary language or languages which are commonly used by the speaker in his intercourse with the outside world. This was fairly well understood, but detailed instructions as to the names of dialects met with in particular localities had to be issued for the guidance of the enumerating staff. On the whole, I think, there is no reason to suppose that the returns are not generally correct.

In the Tables referred to above the languages are arranged according to their affinity on the basis of Dr. Grierson's classification.

### II. Distribution of Main Languages

120. The most common language spoken in the State is Western Hindi in some form or other, 2,300,933 persons were returned as speaking it. Next comes Rajasthani with 1,082,267 and then Bhil Dialects with 75,469 speakers. To put it in other words, out of every 1,000 persons 653 speak in their own homes Western Hindi, 307 Rajasthani, 22 Bhili, 8 Gujarati, 6 Marathi and 2 Eastern Hindi.

General,

Western Hindi is the most common language in the Plain and Northern Plateau Divisions and Rajasthani in the Southern. In the Hilly, too, Rajasthani is more prevalent than Western Hindi but here, as might be expected, the Bhil Dialects supersede all others.

The figures below show which are the first and second most common dialects in each district.

District	MOST COMMON DIALECT		SECOND MOST COMMON DIALECT	
	Name	Total Speaking	Name	Total Speaking
Gird	Hindi	296,690	Bundelkhandi	31,616
Bhind	Bhadauri	184,339	Hindi	121,401
Tonwarghar	Hindi	194,735	Sikarwari	87,969
Sheopur	"	78,237	Sipari	52,057
Narwar	"	261,798	Bundelkhandi	137,283
Isagarh	"	306,578	Khichiwadi	76,567
Bhilsa	"	152,149	Malvi	73,450
Ujjain	Malvi	260,061	Hindi	92,402
Mandsaur	"	137,056	Marwari	72,222
Shajapur	"	280,186	Hindi	35,600
Amjhera	Bhil Dialects	69,842	Malvi	48,562

It will be seen that Hindi and Malvi divide the whole territory between them. Hindi which entered from the United Provinces has definitely ousted the Rajput dialects of the Northern districts and goes on spreading towards the South till it encounters the Malvi on the confines of the Malwa districts while Malvi still holds its own in its habitat. Marwari brought in by the Marwari castes is prominent only in Mandlaur which adjoins Marwar territory. For the rest Bhili and Bhilali are still the distinctive languages of the Amjhara district and Bhadauri still retains its hold on the Bhind district.

Dialects of Western Hindi.

121 In Imperial Table XV separate figures have been given for no less than 9 dialects of Western Hindi all of which are genuine dialects of this language. Of these the largest are Hindi (1 588 241) Bundelkhandi (225,850) and Bhadauri (197 841) Sikarwari (89 183) and Tonwarghari (86,393) are commonly spoken in the Tonwarghar district while Bhadauri and Kachhwahi are mostly confined to Bhind. None of the others number more than 50 000

The largest number of persons speaking Hindi were enumerated in the Isagarh and Narwar districts and the smallest in Amjhara Bundelkhandi is prominent only in the Narwar Isagarh and Gird districts.

Urdu is thinly diffused all over the State, the majority of persons speaking it being found in the cities of Lashkar and Ujjain. The distribution roughly corresponds to that of the Muslim population but in every locality the number of Urdu speakers falls short of the strength of the Muslim population. The reason is obvious. In the first place, the Bohra community of Malwa which forms a considerable section of the Mohammadan population of the State speaks Gujarati. Secondly between the domains of pure Hindi and unadulterated Urdu lies a vast twilight region a vague hinterland where a mixture of both is spoken. Both in their purest form must be *learnt* before they are spoken and Census, which is mainly concerned with mother tongue, has no more to do with such languages than with English. The languages with which we are concerned are mother tongues and a mother tongue is a language learnt not from books but by imitation at the mother's knee. A language thus picked up in infancy in the bosom of the family remains very close to the individual's inner being. It forms as it were a close fitting spiritual vesture, a garment of the soul always worn and expressive not so much of the individual as of the type of the community among which he lives and moves. The Mohammadans in this State are in a considerable minority and live in the closest possible contact with Hindus. It is therefore only natural that the uneducated among them should speak and return almost exactly the same dialects as their Hindu neighbours. It is only among the educated town-dwellers that an appreciable number of Urdu-speaking Mohammadans is found. Here, too, the language in common use is not pure but is freely interlarded with words from Hindi and other local dialects.

Dialects of Rajasthan.

122 Six separate dialects of Rajasthani have been tabulated separately in Imperial Table XV. Besides these, there are several others which are not proper to the State. Of the genuine dialects the most common is Malvi under which were returned 805 133 persons, then

Khichiwadi (76,587) and then Sipari (52,459) None of the other dialects returned even as many as 15,000

Out of the numbers speaking Malvi 283,196 were enumerated in Shajapur, 260,061 in Ujjain, 157,056 in Mandsaur, 73,450 in Bhilsa and 48,562 in Amjhera The numbers found in the Northern districts are negligible. The figures emphasise the utter lack of intercourse between the North and the South Khichiwadi is most commonly spoken in the Isagarh district, while Sipari is confined to Sheopur

123 The two tribes of any substantial numerical strength that still cling to their distinctive languages are the Bhils and Bhilalas It will be best to confine ourselves to the Amjhera district and to take the two castes together In 1921, 79 per cent of the Bhils and Bhilalas were returned as speaking their tribal languages At the recent census this percentage is 80, so that the return does not afford any indication of these dialects dying out. In this district Bhili and Bhilali are spoken almost man for man by these tribes It is only in Mandsaur and the Northern districts, where the Bhils are thrown with other castes that they are gradually dropping away their own language

Languages  
of the  
Primitive  
Tribes.

### III Miscellaneous Languages.

124. Of these the most important are Gujrati and Marathi Two forms of Gujrati are prevalent, Gujrati proper and Kathiawari, the first having 28,185 speakers and the second 476, nearly all of whom are found in the Ujjain, Mandsaur, Shajapur and Amjhera districts, Ujjain having the lion's share of Gujrati speakers and Amjhera of those of Kathiawari The number of Gujrati speakers at this census shows an increase of about 16,000 over the figures of 1921 and the increase is almost wholly found in the Ujjain district So far as I am aware there has not been such a large influx of Gujrati speaking people as the figures would seem to indicate It appears that in 1921 the figures for Malvi which exhibit a fall of about 38,000 were unduly inflated by the inclusion of Gujrati and other dialects

Gujrati

125 Marathi is the language of Dakshini Brahmans and Marathas in the State and the number of its recorded speakers this time is 21,535 The number of Dakshini Brahmans and Marathas taken together, on the other hand, is 27,302 This points, I think, to the gradual displacement of Marathi by Hindi in isolated rural families, which are losing their mother-tongue by sheer disuse

Marathi

### IV. Variation in Languages

126 The variation in 1931 in the total figures for the languages of India is, of course, the same as that in the total population In the case of particular languages, the changes are much more marked, but no useful purpose will be served by discussing them, as they are for the most part due to greater care exercised by the enumerating staff in recording individual dialects To cite only one instance, there is a very big jump up of 210 per cent in Marwari It is confined to Mandsaur where there has been a tremendous drop of 791 per cent in Mewari and an increase of 512 per cent in Hindi. It is obvious that these violent fluctuations are due not to the actual displacement of one language by another but to the fact that in Mandsaur the languages recorded this time are Hindi and Marwari instead of Mewari

### V Bilingualism

127 The figures for bilingualism are on the face of them disappointing and show that bilingualism does not exist to any appreciable extent in the State The original return was, as was to be expected, full of such entries as Hindi as mother-tongue and Marwari or Urdu as subsidiary languages The tabulated results, which have been arrived at by restricting the compilation to Bhil Dialects, Rajasthani, Western Hindi, Gujrati and Marathi, are hardly worth the labour that has been expended on them.

### VI Script

128 All school-books in Hindi are written in the Nagri characters and this script is used in courts and in all communications by the people Urdu is written in Persian characters

## SUBSIDIARY

## Distribution of Total

Family Sub family Branch & Sub-branch	Group & Sub-group	Language	TOTAL NUMBER	
			1931	
1	2	3	Total	Males
Total .. ..	..	..	2 822 070	1 867 031
Vernaculars of India ..	..	..	2 822 381	1 866 826
Dravidian Family ..	..	..	1,211	824
	Dravida group ..	..	949	623
		Tamil ..	279	252
		Burmali ..	670	371
		Kannare ..	..	..
	Intermediate group ..	..	192	144
		Gondi ..	192	144
	Andhra group ..	..	70	57
		T legu ..	70	57
Indo-European Fa mily ..	..	..	3,521,604	1,865,019
Aryan Sub family ..	..	..	3,521 170	1,865 702
Iranian Branch ..	..	..	560	359
	Eastern group ..	..	560	359
		Pashto ..	560	359
Indian Branch ..	..	..	3,520,610	1,865 343
Non-Sanskrit S & b branch ..	..	..	23	21
	China Khmer group ..	..	..3	21
		Kashmiri ..	28	21
Sanskrit Sub-branch ..	..	..	3,520,582	1 865 322
	Sanskrit group ..	..	95	81
		Sanskrit ..	95	81
	N W group ..	..	3 375	1,972
		Punjabi ..	3 310	1 939
		Sindhi ..	65	33
	Southern group ..	..	21,535	12,000
		Marathi ..	21,535	12 060
	Eastern group ..	..	242	133
		Bengali ..	42	1 8

TABLE I

## Population by Mother-tongue.

OF SPEAKERS				Number per mille of the population of the State	Districts where chiefly spoken
Females	Total	1921 Males	Females		
6	7	8	9	10	11
1,656,039	3,195,476	1,696,510	1,498,966	1,000	
1,655,855	3,194,416	1,695,721	1,498,695	1,000	
387	1,332	502	830		
326	176	88	88	.	
27	84	30	54		Mandsaur Ujjain.
299	84	50	34	—	
	8	8		—	
48	956	308	648		
48	956	308	648		Bhilsa.
13	200	106	94		
13	200	106	94		Ujjain
1,655,585	3,194,083	1,695,969	1,498,114	1,000	
1,655,468	3,193,084	1,695,219	1,497,865	999	
201	410	225	185	—	
201	410	225	185		
201	410	225	185	.	Shajapur
1,655,267	3,192,674	1,694,994	1,497,680	999	
7	18	11	7		
7	18	11	7	—	
7	18	11	7		Gird
1,655,260	3,192,656	1,694,983	1,497,673	999	
14	13	13			
14	13	13		—	Bhind.
1,403	1,971	1,198	773	1	
1,371	1,825	1,083	742	1	Bhind
32	146	115	31		Gird
9,475	23,034	12,131	10,903	6	
9,475	23,034	12,131	10,903	6	Gird and Ujjain
104	262	154	108		
104	262	154	108		Gird



## SUBSIDIARY

## Distribution of Total

Family Branch and Sub-branch	Sub family Branch and Sub-branch	Group and Sub- group	Language	TOTAL NUMBER	
				1931	
				Total	Males
1		2	3	4	5
		<i>Mediate group ---</i>	---	7 707	3,654
			<i>Eastern Hindi</i>	7 707	3,654
			Awadhi ---	7 707	3 654
			Baghelkhandi ---	---	---
		<i>Western group---</i>	---	3 487,330	1,847,236
			<i>Western Hindi</i>	2,300,933	1,234 103
			Antarwadi ---	2 659	1 380
			Bundelkhandi ---	225,850	117,746
			Bhadsauri ---	190,841	106,513
			Kachhwahi ---	50,949	29,518
			Hindi ---	1,583,241	837,693
			Hindustani ---	2,970	1 497
			Jatwari ---	21,290	11,903
			Ekarwari ---	89,186	49,917
			Tonwarwari ---	86 395	50,952
			Urdu ---	47,552	26,989
			<i>Rajasthani</i> ---	1,082,267	558,835
			Ahrawadi ---	135	65
			Benjeri ---	5 039	2,878
			Kichhiwadi ---	76,587	40,486
			Malvi ---	803 135	413,702
			Nimadi ---	10,744	5,215
			Sondhi ---	11 012	5,220
			Shpur ---	52,459	27,222
			Gujri ---	750	479
			Hadauli ---	2 439	1 438
			Jipuri ---	5 095	2,533
			Marwari ---	93 492	48,216
			Mewari ---	9,207	3,884
			Mewati ---	9,988	7 423
			Rajasthan ---	61	5
			Shekhawati ---	124	69
			<i>Gujrati</i> ---	104,130	54,293
			Gjrali ---	28,185	16,865
			Kathlwari ---	476	228
			Bhili ---	75 469	37,200
		<i>Northern group</i>	---	298	181
			Eastern Pahadi	53	39
			Western Pahadi	245	142

TABLE I—(contd)

Population by Mother-tongue

OF SPEAKERS				Number per mille of the population of the State	Districts where chiefly spoken
Females	Total	1921 Males	Females		
6	7	8	9	10	11
4,053	8,898	4,818	4,080	2	Bhind
4,053	8,898	4,818	4,080	2	
4,053	8,850 48	4,790 28	4,060 20	2	
1,640,097	3,158,474	1,676,665	1,481,809	990	Bhind
1,066,828	1,832,021	989,018	843,003	653	
1,279	48,057	25,985	22,072	64	
108,104	294,272	158,796	135,476	55	Gird, Bhind and Tonwarghar
84,328	135,881	75,048	60,833	15	Bhind and Ton warghar
21,431	43	43	578,933	449	Bhind
745,548	1,255,880	676,947	1,180	7	State
1,473	2,241	1,061	2,561	25	Mandsaur
9,387	5,013	2,452	7,095	24	Bhind
39,269	14,972	7,877	11,012	14	Tonwarghar
35,443	25,454	14,442	23,841	307	Tonwarghar
20,563	50,208	26,367	604,027	1	Gird.
523,432	1,256,716	652,689	398	22	Isagarh
70	903	505	1,002	229	Narwar
2,161	1,855	653	60,506	3	Isagarh
36,101	126,896	66,390	452,740	16	Ujjain, Mand- saur and
391,433	941,757	489,017	7,412	3	Shajapur Mandsaur and Shajapur.
5,529	15,138	7,726	11,728	3	Do,
5,792	24,957	13,229	7,123	27	Sheopur
25,237	14,835	7,712	624	2	Isagarh
271	1,504	880	1,160	3	Do
1,001	2,353	1,193	1,169	1	Do
2,562	2,858	1,689	14,911	27	Mandsaur
45,276	30,125	15,214	45,027	2	Do
5,323	92,886	47,859	227	3	Do
2,565	649	422			Do
56		—			Do
55					
49,837	69,737	34,958	34,779	30	
11,320	11,913	6,028	5,885	8	Ujjain
248	419	196	223	22	Amjhera
38,269	57,405	28,734	28,671		Do
117	4	4			
14	4	4			Gird
103					Do

## SUBSIDIARY

## Distribution of Total

Family Sub-family Branch and Sub- branch	Group and Sub- group	Language	TOTAL NUMBER	
			Total	1931
1	2	3	4	5
<i>Veracuclars of other Asiatic Countries</i>	—	—	445	340
<i>Indo-European Family</i>	—	—	190	152
	<i>Iranian Branch</i>	—	190	152
		Persian —	190	152
<i>Semitic Family</i> —	—	—	255	188
		Arabic —	255	188
<i>European Languages</i>	—	—	244	165
<i>Indo-European Family</i>	—	—	244	165
	<i>Teutonic Group</i>	—	230	151
		English —	228	151
		German —	2	—
	<i>Romance Group</i>	—	14	14
		Portuguese —	14	14
		French —	—	—

TABLE I.—(concl'd)

## Population by Mother-tongue.

OF SPEAKERS				Number per mille of the population of the State	Districts where chiefly spoken
Females	Total	1921 Males	Females		
6	7	8	9	10	11
105	140	78	62		
38	79	39	40		
38	79	39	40		
38	79	39	40		Gird and Ujjain
67	61	39	22		
67	61	39	22		Gird and Ujjain
79	920	711	209		
79	920	711	209		
79	890	687	203		
77	890	687	203		Gird, Isagarh and Ujjain Narwar
2					
	30	24	6		
	26	21	5		Mandsaur
	4	3	1		

## SUBSIDIARY

## Distribution by Language of the

District and Natural Division	NUMBER PER 10,000 OF THE						
	BHIL DIALECTS			RAJASTHANI			
	As mother- tongue	As sub- sidi- ary to Rajasthani	As sub- sidi- ary to West- ern Hindi	As mother- tongue	As sub- sidi- ary to Bhil Dialects	As sub- sidi- ary to West- ern Hindi	As sub- sidi- ary to Gujrati or Marathi
1	2	3	4	5	6	7	8
Gwalior State —	214	1	3	3 072	10	103	17
<i>Natural Divisions</i>							
Plain —	—	—	—	452	—	6	—
Northern Plateau	51	—	7	1 075	—	37	—
Southern Plateau	11	1	—	6,964	1	45	36
Hilly —	4,363	15	16	4 038	217	105	83
<i>Districts</i>							
Gird —	1	—	—	39	—	5	—
Bhind —	—	—	—	40	—	12	—
Tonwarghar —	—	—	—	22	—	—	—
Sheopur —	—	—	—	3 913	—	5	2
Narwar —	1	—	—	1	—	1	—
Langarh —	99	—	15	— 060	—	63	—
Etolia —	—	1	1	3 176	—	32	1
Ujjain —	4	—	—	6,744	—	341	84
Mandawar —	45	1	—	8,443	3	178	11
Bhujapur —	—	1	—	8,679	—	334	23
Amjhera —	4,363	15	16	4 038	217	105	83

TABLE II.

Population of each District.

POPULATION SPEAKING

WESTERN HINDI				GUJRATI			MARATHI			OTHER LANGUAGES
As mother-tongue	As subsidiary to Bhil Dialects	As subsidiary to Rajasthani	As subsidiary to Gujarati or Marathi	As mother-tongue	As subsidiary to Rajasthani	As subsidiary to Western Hindi	As mother-tongue	As subsidiary to Rajasthani	As subsidiary to Western Hindi	As mother-tongue
9	10	11	12	13	14	15	16	17	18	19
6,532	11	246	42	81	6	4	61	1	11	40
9,390		31	50	5		4	95		17	58
8,851	1	19	6			1	11		6	12
2,732		608	57	185	16	7	63	3	9	45
1,253	228	320	32	301	18	12	31		8	14
9,592	1	23	15	8		1	298		45	42
9,841		13	4			10	10		13	109
9,937			1				15			26
6,005	-	155	28	26		-	30			26
9,966	1	7	6		-	1	9			3
7,788	•	30	7	1			12		12	20
6,769	•	667	19	13		16	31		2	11
2,652		562	94	458	31	9	99	4	22	43
1,241	1	222	57	116	-		62		1	93
1,213		933	38	32	19	3	44	7	3	32
1,253	228	320	32	301	18	12	31		8	14

## SUBSIDIARY TABLE III

## Comparison of Caste and Language Tables.

Caste and Language	STRENGTH OF CASTE (Table XVIII)		NUMBER SPEAKING TRIBAL LANGUAGE ONLY		NUMBER SPEAKING TRIBAL LANGUAGE AND SOME OTHER LANGUAGE	
	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7
Bhils and Bhilalas (Bhil Dialects).	63,113	61,913	37,200	38,269	3,153	4,155



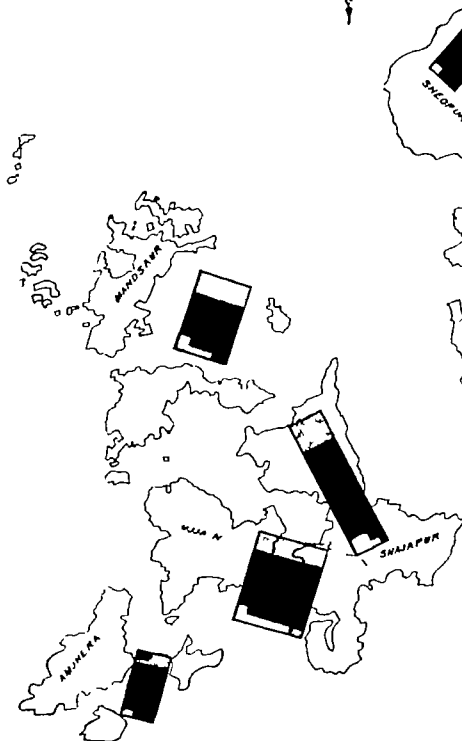


# GWALIOR STATE

## SOCIAL MAP

SCALE 1 SQ INCH = 500 000 PERSONS

SCALE 32 MILES





HINDUISSED PRIMITIVE TRIBES — [Solid Black Box]

HINDUS — [Dashed Line Box]

DEPRESSED HINDUS — [Dotted Box]

MUSLIMS — [Dashed Line Box]

JAINS — [Solid Black Box]

1

1

1

1 1

## CHAPTER XI

### RELIGION

#### I. Introductory.

129 The Imperial Tables connected with this subject are V and XVI. The map opposite shows by means of proportional coloured rectangles the religious distribution of the population of each district. At the end of this chapter will be found four Subsidiary Tables exhibiting the most prominent features of the statistics by means of proportional figures. On the fly-leaf of Imperial Table XVI are given the figures of Christians by sect.

The instructions to the enumerators were to the effect that each person's statement as to his religion shall be accepted. Jains and Sikhs were to be entered as such even though they claimed to be Hindus also. Regarding the Primitive Tribes many of whom at the previous census were labelled as Animists, it was laid down that those who returned themselves as belonging to any of the recognised religions should be entered as belonging to that religion, but that in the case of those who had no conception of claiming to belong to any particular religion, their caste was to be written up in the column devoted to religion. Those actually returned as belonging to the latter negative class were very few and these have been shown in the Tables as belonging to the Tribal religion.

A special feature of the present census is the outright abolition of Animism as a census religion. Animism has never been the professed religion of any community or class in this or any other country, but has in the past been thrust on that large residuum of primitive races who in point of mental attainments are considered to be inferior to the more articulate but none the less animistic sections of the population. That spirits and magic powers still play their part in the conceptional world of primitive peoples must at once be admitted. But that does not reveal anything distinctive. In the sphere of religion there is such a baffling intertexture of barbarism and electric light that neither can be said to be the absolute master anywhere. High gods in low places are as common as low spirits in high places. There is, for instance, little to choose between the Hindu of the plains who believes that the spirits of his ancestors consume the impalpable essence of the rice balls provided for them and the Hinduised Bhil of the hills, who on seeing a bulge on the trunk of a 'pipal' tree at once takes it to be the abode of malevolent spirits. On every count the Hinduism of the Hindu stands on a higher plane than the Hinduism of the Bhil, but that is no reason why the existence of the common animistic background should be interpreted as expressive of a definite phase of the Hindu faith in the one case and the hall-mark of Tylorian animism in the other. A census at any rate has nothing to do with such distinctions. In a census we are concerned with the distribution of the mountain masses of religion as they are found to-day and not with the frozen deposits of the geological ages of culture hidden away in the oceanic deeps of the older religions. The point of the whole matter is

that there never was any cogent reason for rejecting on the one hand a religion openly professed and practised by any group of primitive people and on the other for relying on the mere existence among them of animistic beliefs as a satisfactory basis for classifying the whole class as animist.

There is yet another consideration which has not received adequate attention in the past. It is a matter of common knowledge that most of our submerged classes have now entered into their heritage of logic and reason and have definitely passed out of the naturalist stage. Many of them almost to a man have been absorbed by Hinduism and others are now so near the border line that it is difficult to say what they were fifty years ago. Hinduism can and does in the case of these peoples exist side by side with a belief in spirits. All these would have certainly returned themselves as Hindu and vehemently resented their subsequent transfer to the Animist class. For these reasons, I cannot but think that the retention on the present occasion of Animism as a census religion would have been entirely misleading.

## II General Distribution of the Population by Religion

130 In this State Hinduism is the religion of the masses and it vastly outnumbers all other religions taken together in every district. Jainism, Sikhism and Zoroastrianism are the religions of foreign settlers. Jainism is found chiefly in the Malwa districts and its existence there is due to its proximity to Rajputana which is the stronghold of this religion. The local distribution of Muslims is governed partly by historical and partly by economic causes. The Muslim is found chiefly in places which have formerly been under the sway of Mohammadan rulers. It is that fact of a bygone day which accounts for his presence in the rural parts of such historically Mohammadan centres as Ujjain, Mandla, Shajapur and Chanderi. The Musalman population of Malwa towns which consists chiefly of Bohra traders is largely indebted to Gujrat and its neighbourhood for its recruits, while the heterogeneous class of urban Muslims found in the towns of the Northern districts consists largely of upper Indian immigrants. Christians and Zoroastrians are confined mainly to Lashkar and the Cantonment of Nimach. Elsewhere small detachments sometime consisting of a single family are settled in large towns or along the railway line. A small colony of Christians also flourishes at Ujjain.

The general strength of each religion in the State is given in the margin.

Religion	NUMBER IN	
	1931	1921
Hindus ..	3,371,576	2,975,098
Muslims..	1,04,397	1,77,417
Jains ..	43,079	39,394
Christians	1,198	1,650
Sikhs	681	661
Parsis ..	739	55

al table. The Hindus are by far the most numerous forming about 93 per cent of the total population. Of the remaining 7 per cent 6 per cent are Muslims, 1 per cent Jains while the followers of the remaining minor religions, Christians, Sikhs and Parsis, are little more than 2,000 persons.

The figures below show at a glance the variation in each main religion compared with the variation

Religion	PERCENTAGE OF VARIATION IN			
	Religion	Population	Religion	Population
	1921 31		1911 21	
Hindus	+ 99	+103	— 1'3	—13
Brahmanic .	+ 90		— 34	
Tribal --	+ 176		+ 20'7	
Arya	+ 683'2		+ 351 4	
Muslims --	+ 152		+ 02	
Jains	+ 144		+ 26	
Sikhs	+ 30		+ 193	
Christians --	— 274		— 21	
Parsis --	— 67		+ 203	

in the total population, between 1911-21 and 1921-1931. The most noticeable feature in the figures are the large increase in the Tribal population, the relatively rapid growth of Muslims as compared with Hindus and the great decrease in the number of Christians. These variations will be discussed under each head.

131 Hinduism in its wider sense is composed of an extraordinary collection of heterogeneous elements. Accretions to its ranks from the various tribes continue apace and on the present occasion a considerable section of the primitive races has finally disappeared into its vast mass raising the total strength of this religion by approximately  $3\frac{1}{2}$  lacs. As already stated, Hindus now form more than 93 per cent population of the State. In 1921 the proportion was 88. They are most numerous in the Northern Plateau with 96 per cent, in the Hilly they form 95, in the Plain 94 and in the Southern Plateau 90 per cent of the whole population. Among the districts the proportion is highest in Narwar (97) and lowest in Mandsaur (88). The increase in the 10 years in the Hindu population of Gwalior is nearly 442,000 or nearly 16 per cent. The rates of increase for each Natural Division are given in the inset. The increase of Hindus in the Hilly Division

Hindus

Natural Division	RATE OF INCREASE IN	
	General Population	Hindus
Plain	10	12
Northern Plateau	9	16
Southern Plateau	10	13
Hilly	17	129

is fortuitous, being entirely due to the inclusion of the Bhl and Bhilala populations, which on the former occasion were shown as Animists. Similarly the increase in the Northern Plateau is due to the inclusion of the Sahariya Tribe. Adding to the 1921 figures the population then treated as Animists and comparing this total with the total

returned as Hindus in 1931 the increase comes to 9.9 per cent which is a

little less than the increase of 10·3 per cent for the State as a whole. The following table exhibits the variation in respect of each class of Hindus

Class	POPULATION IN				VARIATION		
	1931	1921	1911	1901	1921 1931	1911 1921	1901 1911
Hindus including Tribes formerly treated as Animists.	3,270,268	2,975,931	3,015,946	2,706,543	+ 9·9	- 1·3	+ 11·4
Tribes formerly treated as Animists.	345,961	294,091	245,616	222,317	+ 17·6	+ 20·7	+ 9·6
Hindus excluding Tribes formerly treated as Animists.	2,924,305	2,681,840	2,772,330	2,484,226	+ 9·0	- 3·4	+ 11·4

It will be seen that high caste Hindus have increased by 9 per cent only and that it is the excessive fertility of the lower castes now for the first time included among them that has sent the percentage for this religion up to 9·9

183 Of the 201,257 Muslims scattered throughout the State 104,298 or more than half belong to the Southern Plateau Division. The proportion of Muslims is smallest in the Narwar and Bhind districts where it is less than 2½ per cent. In Tonwarghar the proportion is 3 per cent and in Sheopur Isagarh and Amjhara 4 per cent. Gird with 10·7 per cent has the greatest proportionate Muslim population, then follow Ujjain with 9·9 Mandsaur with 9 and Shajapur with 8 per cent.

The Muslims have increased by 15·9 per cent during the last decade. The increase has occurred in all the districts. The greatest expansion is in the Ujjain district, where it is 23 per cent, then follow Tonwarghar and Sheopur with 19 per cent, Mandsaur with 16·9 Gird with 16·6 Shajapur and Bhind with 15 Narwar with 13 Amjhara with 12·5 and last of all Isagarh and Bhilsa with 1 and 1·5 per cent respectively. The low rate in Bhilsa is in sympathy with the general decline in the population of that tract, while in the case of Isagarh it is due to the removal of the garrison.

During the past 10 years the Muslim population has grown at a greater rate than the Hindu. The following statement shows the movement of the two communities since 1891

Year	MUSLIMS			HINDUS INCLUDING ANIMISTS		
	Population	VARIATION		Population	VARIATION	
		Actual	Per cent		Actual	Per cent
1891	183,844	—	—	3,155,678	—	—
1901	171,520	- 12,324	- 6·7	2,706,543	- 453,135	- 14·3
1911	165,894	- 5,626	- 3·3	2,896,765	+ 190,222	+ 7·0
1921	177,417	+ 11,523	+ 6·9	2,975,931	+ 79,166	+ 2·7
1931	204,297	+ 26,880	+ 15·2	3,271,576	+ 295,645	+ 9·9
Net variation since 1891.	—	+ 20,453	+ 11·7	—	+ 111,898	+ 5·3

It will be seen that since 1891 the Muslims have increased by 11.1 per cent against the increase of 3.5 in the case of Hindus. Examining the proportions per 10,000 we find that Hindus have diminished from 9,352 in 1891 to 9,286 in 1931, the Muslims have in the same 40 years increased from 544 in 1891 to 580 in 1931. The general conclusion to be drawn from these figures is that the Muslim population is increasing in actual numbers at a greater rate than the Hindu and also is bearing a larger proportion to the total population. The reasons for these variations are fairly certain. It is usually held that Muslims are more prolific than Hindus, but unfortunately for want of vital statistics it is not possible to deduce comparative rates of fertility of different religions. Judging by the proportion of children aged 0-1 and 0-10 taken on 100,000 Hindus and 100,000 Muslims, it seems evident that the Muslims gain more in vital statistics by longevity, fresh accessions from outside, later marriage age, less neglect of female children and widow re-marriage than by natural fertility. The following table demonstrates this clearly.

	1931		1921	
	Hindus	Muslims	Hindus	Muslims
1. Children aged 0-1 per 100,000 population	3,172	3,136	2,251	2,286
2. Children aged 0-10 per 100,000 population	27,201	27,068	27,511	25,829
3. Persons aged 20-30 per 100,000 population	18,646	18,960	16,853	17,691
4. Persons aged 40 & over per 100,000 population	17,906	18,792	21,074	22,572
5. Married girls under 15 per 1,000..	214	163	198	136
6. Married women aged 15-40 per 1,000.	838	841	817	829
7. Widowed women aged 20-40 per 1,000	158	116	146	108
8. Children aged 0-10 per 100 married females aged 15-40	164	163	178	167
9. Proportion of girls to 1,000 boys aged 0-5	990	1,008	976	1,019

There is in this State little conversion to Islam and the figures in lines 1 and 2 do not confirm the view that proportionately more children are born in Muslim than in Hindu families. The proportionate deficiency of infants aged 0-1 shown by the Hindu figures in 1921 is accidental, being due to the heavier loss of potential parents sustained by the rural section of that community during the influenza epidemic. It is therefore almost certain that the Muslims owe their advantage mainly to their longevity and in a minor degree to the erratic factor of immigration. Statistical estimate of the



relative influence of these factors is difficult, but the comparative figures in lines 3 and 4 of the above table are distinctly in favour of Muslims as against Hindus. The reasons for the greater vitality and longevity of Muslims are obvious. In the first place, Muslims taken as a whole are far better off than Hindus in the sense that they do not include so large a proportion of the very destitute as the latter do. The death rate among Hindus must therefore be higher than among Muslims. Secondly of the total urban population 23 per cent are Muslims and 72 are Hindus, while in the rural population the figures are 4 and 96 respectively. Agriculture in most parts of the State is an acutely overcrowded occupation and consequently Hindus who are most dependent on it suffer from overpopulation and a high death rate to a greater extent than Muslims, who follow more lucrative trades and professions or are engaged in general labour in towns. Apart from these general considerations which apply throughout the State, there is the additional fact that 61 per cent of the total Muslim population is found in the Southern Plateau Division, the most prosperous part of the State, while the total population of this Division is only 35 per cent of the whole.

**Jains.** 133 Jainism is the third strongest religion in the State and shows an increase of 14.4 per cent. Much of this increase is artificial, being due to strict observance of instructions on the part of enumerators. The figure of 19.1 was probably too small being the result of the disappearance of a large number of Jains among the total of Hindus. Of the total number of 45,079 Jains about 48 per cent belong to the Southern Plateau. They are also found in considerable numbers in the Bhind and Isagarh districts and in Ujjain they have increased from about 4,400 in 1921 to 6,180 at the present census. The age and sex constitution of this community is unfavourable to rapid expansion.

**Christians.** 134 The total number of Christians is 1,198 as against 1,650 in 1921. The whole of the decrease is practically confined to the Nimach Cantonment where the number has declined from 775 in 1921 to 363 in 1931. The total number of Christians other than Indian has dropped from 890 in 1921 to 242 in 1931 while Indian Christians show an increase of 196. Persons of the Christian faith are found in all the districts except Amjhera and Sheopur. They range in numbers from 3 in Narwar to 510 in Mandasaur.

**Aryas.** 135 The number of Aryas has increased from 167 to 1,808 during the decade. The increase is most marked in Ujjain (+415) Isagarh (+216) and Shajapur (+180). The followers of this sect are now found in every district.

**Others.** 136 The number of Sikhs and Zoroastrians is insignificant and calls for no comment.

### III Distribution in Urban and Rural Areas

137. Subsidiary Table IV shows that Hindus are proportionately more numerous in rural areas and that Muslims and Jains are mostly town-dwellers, Zoroastrians almost to a man live in towns. Out of a total of 239 only 16 have been returned as living in rural areas and the latter are either living in municipal suburbs or are employed on railways or irrigation works

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## SUBSIDIARY

## General Distribution of the

Religion and Locality	Actual Number in 1931	PROPORTION PER 10,000 OF THE POPULATION IN					
		1931	19 1	1911	1901	1891	1881
1		3	4	5	6	7	8
<b>Hindu</b>							
Gwalior State ...	3 1374	9,286	8 806	9 145	8 470	8 153	8,870
1. Plain	1,209 126	9,375	9,236	9 419	8,771	—	—
2. Northern Plateau	787 432	9,569	8,989	9,373	8,409	—	—
3. Southern Plateau	123,399	8,984	8 752	8 916	8,381	—	—
4. Hilly	151,679	9 476	4,589	6,944	5 721	—	—
<b>Muslim</b>							
Gwalior Stat	204 297	580	555	535	583	544	544
1. Plain	68,418	530	499	465	539	—	—
2. Northern Plateau	25 101	305	317	300	319	—	—
3. Southern Plateau	104 298	834	788	791	857	—	—
4. Hilly	6,480	405	422	498	538	—	—
<b>Ahmadi</b>							
Gwalior State —	—	—	507	193	761	1 197	551
1. Plain	—	—	168	29	562	—	—
2. Northern Plateau	—	—	583	219	1,109	—	—
3. Southern Plateau	—	—	284	115	477	—	—
4. Hilly	—	—	4,840	2,370	3,504	—	—
<b>Jain</b>							
Gwalior State	45 079	128	123	124	183	103	33
1. Plain	11,442	89	91	84	125	—	—
2. Northern Plateau	10,122	123	111	107	162	—	—
3. Southern Plateau	21,608	173	163	175	281	—	—
4. Hilly	1,907	119	140	186	257	—	—
<b>Christian</b>							
Gwalior State —	1 198	3	5	2	3	1	1
1. Plain	297	2	3	2	3	—	—
2. Northern Plateau	41	1	1	1	1	—	—
3. Southern Plateau	860	7	11	—	4	—	—
4. Hilly	—	—	—	1	1	—	—
<b>Others</b>							
Gwalior Stat	920	3	4	1	—	—	1
1. Plain	479	4	3	1	—	—	—
2. Northern Plateau	201	2	3	—	—	—	—
3. Southern Plateau	290	2	2	1	—	—	—
4. Hilly	—	—	9	1	—	—	—

TABLE I

## Population by Religion.

VARIATION PER CENT					Net Variation from 1881 to 1931	REMARKS
1921- 1931	1911- 1921	1901- 1911	1891- 1901	1881- 1891		
9	10	11	12	13	14	15
+ 16 3	-4 5	+ 14 2	-9 3	+ 3 7		In 1881 and 1891 the Gwalior State was censused as a part of the Central India Agency and hence relevant figures for the State as a separate unit are not available. Calculations for column 14 could not therefore be made.
+ 11 8	-5 6	+ 1 8				
+ 16'3	-9 1	+ 23 4				
+ 13 1	+ 2 8	+ 23 2				
+ 142 1	-40 3	+ 50 8				
+ 15 0	-0 2	-3'3	-6 4	+ 12 7		
+ 17'1	+ 3 2	-18'2				
+ 5 1	-6 2	+ 4 3				
+ 16 7	-0 0	+ 6 8				
+ 12 5	-10 2	+ 15 1				
-100 0	+ 130'5	-73 0	-44 5	+ 145 2	Information not available	
-100 0	+ 381 6	-95 1				
-100 0	+ 75 2	-78'2				
-100 0	+ 168 9	-75 1				
-100 0	+ 126 9	-16 0				
+ 14 4	-2 6	-29 0	+ 54 9	+ 249 4		
+ 7 2	+ 4'3	-32 1				
+ 20 7	-5 5	-26 6	--			
+ 17 2	-3 3	-28 0				
-0 2	-16 8	-2 3				
-27 3	-2 1					
-25 0	+ 26 9					
+ 5 1	-46 6					
-29 0	-5 8					
-100 0	-75 0	--				
+ 0 3	+ 4 9	+ 329 2	-33 3	-62 1		
+ 32 4	+ 197 2	+ 1,062 5				
-0'5	-32 4	+ 58 3				
+ 7 8	-40 4	+ 182 1				
-100 0	+ 713 3					

## SUBSIDIARY

## Distribution by Districts

Natural Divisions and Districts		NUMBER PER 10,000					
		HINDUS					
		1931	1921	1911	1901	1891	1881
1		2	3	4	5	6	7
Owalder Dist	...	9,286	8 806	9 145	8 470	8 185	8 870
Natural Divisions							
1. Plains	...	9,373	9,236	9 419	8,571	...	...
2. Northern Plateau	...	9,569	8,989	9 373	8,409	...	...
3. Southern Plateau	...	8,984	8 752	8 916	8,381	...	...
4. Hilly	...	9 476	4,589	6,944	5 721	...	...
Districts							
1. Gird	...	8,840	8,781	8,923	8,799	...	...
2. Bhind	...	9,536	9,542	9,580	9 442	...	...
3. Tonwarghar	...	9,652	9 657	9,640	8,876	...	...
4. Sheopur	...	9,562	8,348	9 473	6,455	...	...
5. Narwar	...	9 680	9 161	9 431	8 440	...	...
6. Ingarh	...	9 463	8 811	9 302	8 366	...	...
7. Bhilai	...	9,364	9 145	9,396	8 458	...	...
8. Ujjain	...	8,845	8 712	8 811	8,111	...	...
9. Mandaur	...	8,773	8,233	8,585	8,000	...	...
10. Shajapur	...	9 055	8,834	8,988	8 714	...	...
11. Amjhera	...	9 476	4,589	6,944	5 721	...	...

TABLE II

## of the Main Religions

OF THE POPULATION WHO ARE											
MUSLIMS						ANIMISTS					
1931	1921	1911	1901	1891	1881	1931	1921	1911	1901	1891	1881
8	9	10	11	12	13	14	15	16	17	18	19
580	555	535	583	544	544		507	193	761	1,197	551
531	499	465	539				168	29	562		
305	317	300	319				583	219	1,109		
834	786	791	875				284	115	477		
405	422	498	538				4,840	2,370	3,504		
1 076	1 030	959	905				97	50	188		
303	286	273	291				2		249		
291	266	285	302				20	10	720		
421	388	387	541				1,259	123	2,961		
230	221	229	255				537	259	1,195		
377	409	388	412				630	169	983		
528	494	439	552				280	44	864		
994	952	958	1 155				198	83	436		
901	883	807	945				514	247	514		
801	767	782	739				206	93	356		
405	422	498	538				4,840	2,370	3 504		

SUBSIDIARY  
Distribution by Districts

Natural Divisions and Districts				NUMBER PER 10,000					
				JAIN					
				1931	1921	1911	1901	1891	1881
1				20	21	22	23	24	25
Gwalior State	---	---	---	128	123	124	183	103	33
Natural Divisions									
1 Plain	---	---	---	89	91	84	125	---	---
2. Northern Plateau	---	---	---	133	111	107	162	---	---
3. Southern Plateau	---	---	---	173	163	175	281	---	---
4 Hilly	---	---	---	119	140	186	237	---	---
Districts									
1 Ghd	---	---	---	70	74	55	100	---	---
2. Bhind	---	---	---	157	164	147	58	---	---
3 Tonwargbar	---	---	---	56	57	65	102	---	---
4 Sheopur	---	---	---	17	5	17	42	---	---
5. Narwar	---	---	---	90	77	81	110	---	---
6. Jaspurh	---	---	---	155	144	140	237	---	---
7 Bhilsa	---	---	---	106	78	70	125	---	---
8. Ujjain	---	---	---	151	128	143	291	---	---
9. Mandaurr	---	---	---	299	326	355	529	---	---
10. Shejapur	---	---	---	143	143	137	192	---	---
11. Amjbars	---	---	---	119	140	186	237	---	---

TABLE II.—(contd)  
of the Main Religions

OF THE POPULATION WHO ARE

CHRISTIANS						OTHERS					
1931	1921	1911	1901	1891	1881	1931	1921	1911	1901	1891	1881
26	27	28	29	30	31	32	33	34	35	36	37
3	5	2	3	1	1	3	4	1	..		1
2	3	2	3			4	3	1			
1	1	1	1		.	2	3	..			
7	11	2	4			2	2				
	..		1	..			9	1		..	
7	12	9	8			7	6	4			..
1					..		4	6		..	
1			..					..			.
.								..			.
							1				
	1	1	2			5	5		..		
	1		1			2	2	1			
8	8	4	7		..	2	2	1		..	..
22	39	5	12		..	5	5	1			..
1	.	..									
		1	1			..	9	1			



## SUBSIDIARY TABLE III.

## Christians—Number and Variation

Natural Division and District	ACTUAL NUMBER OF CHRISTIANS IN			VARIATION PER CENT	
	1931	1921	1911	1921 1931	1911 1921
1	2	3	4	5	6
Gwalior State ..	1 198	1 650	1 688	— 27.3	— 2.1
Natural Divisions					
Plains ..	297	396	312	— 25.0	+ 26.9
Northern Plateau ..	41	39	73	+ 5.1	— 46.8
Southern Plateau ..	860	1 12	1,288	— 29.0	— 5.8
Hilly ..	—	3	12	—100.0	— 75.0
Districts					
Gird ..	268	389	288	— 31.1	+ 35.1
Bhind ..	5	1	16	+400.0	— 93.8
Tonwarghar ..	24	3	8	+700.0	— 62.5
Sheopur ..	—	3	—	—100.0	+300.0
Narwar ..	2	1	3	+100.0	— 66.7
Jaigarh ..	39	8	70	+ 2.6	— 45.7
Bhilai ..	10	33	10	— 69.7	+230.0
Ujjain ..	323	259	135	+ 24.7	+ 91.8
Mandla ..	510	918	1 110	— 44.4	— 17.3
Shajapur ..	17	—	33	+750.0	— 94.0
Amjhera ..	—	3	12	—100.0	— 75.0

## SUBSIDIARY TABLE IV

## Religion of Urban and Rural Population

Natural Division	NUMBER PER 10,000 OF URBAN POPULATION WHO ARE					NUMBER PER 10,000 OF RURAL POPULATION WHO ARE				
	Hindus	Muslims	Jais	Christians	Others	Hindus	Muslims	Jais	Christians	Others
1	2	3	4	5	6	7	8	9	10	11
Gwalior State ..	7 232	2 308	430	20	13	9 544	368	89	1	1
1 Plain ..	7,505	2,256	211	14	14	9,664	264	70	—	2
2. Northern Plateau ..	7,611	1,821	562	3	3	9 711	195	92	—	—
3 Southern Plateau ..	6,827	2,542	587	30	14	9,297	587	113	3	—
4 Hilly ..	6,812	2,125	1,062	—	—	9,679	306	65	—	—

**APPENDIX TO CHAPTER XI**  
**KEY TO SOCIAL MAP**  
 (SCALE—1 SQUARE INCH = 500,000 PERSONS)

<b>Gird District</b>				364,806
<i>Population</i>			19 or 00	Per cent
Hinduised Tribal	247,697	or 67 9	"	
Hindu	74,760	or 20 5	"	
Depressed Hindu	39,232	or 10 8	"	
Muslim	2,569	or 0 7	"	
Jain	529	or 0 1	"	
Others				
<b>Bhind District</b>				418,224
<i>Population</i>			583 or 0·1	Per cent.
Hinduised Tribal	318,949	or 76 3	"	
Hindu	79,290	or 19 0	"	
Depressed Hindu	12,689	or 3 0	"	
Muslim	6,554	or 1 6	"	
Jain	159	or 0 0	"	
Others				
<b>Tonwarghar District</b>				369,648
<i>Population</i>			52 or 0 0	Per cent
Hinduised Tribal	286,225	or 77 4	"	
Hindu	70,526	or 19 1	"	
Depressed Hindu	10,732	or 2·9	"	
Muslim	2,081	or 0 6	"	
Jain	32	or 0 0	"	
Others				
<b>Sheopur District</b>				137,034
<i>Population</i>			601 or 0 4	Per cent
Hinduised Tribal	112,761	or 82·3	"	
Hindu	17,663	or 12 9	"	
Depressed Hindu	5,765	or 4 2	"	
Muslim	238	or 0 2	"	
Jain	6	or 0 0	"	
Others				
<b>Narwar District</b>				401,586
<i>Population</i>			617 or 0 2	Per cent
Hinduised Tribal	300,036	or 74 7	"	
Hindu	88,075	or 21 9	"	
Depressed Hindu	9,237	or 2 3	"	
Muslim	3,610	or 0 9	"	
Jain	11	or 0 0	"	
Others				
<b>Isagarh District.</b>				421,311
<i>Population</i>			517 or 0 1	Percent
Hinduised Tribal	319,948	or 75 9	"	
Hindu	78,239	or 18 6	"	
Depressed Hindu	15,864	or 3 8	"	
Muslim	6,512	or 1 5	"	
Jain	231	or 0 1	"	
Others				

**Bhilai District**

<i>Population</i>		235,288	
Hindus and Tribal	..	332 or 0.1	Percent.
Hindu	..	168,678 or 71.8	"
Depressed Hindu	..	71,315 or 30.1	"
Muslim	..	12,422 or 5.3	"
Jain	..	2,489 or 1.0	"
Others	..	59 or 0.0	"

**Ujjain District.**

<i>Population</i>		405,961	
Hindus and Tribal	..	723 or 0.2	Percent.
Hindu	..	280,313 or 69.1	"
Depressed Hindu	..	78,019 or 19.2	"
Muslim	..	40,846 or 9.9	"
Jain	..	6,149 or 1.5	"
Others	..	411 or 0.1	"

**Mandsaur District.**

<i>Population</i>		272,166	
Hindus and Tribal	..	1,727 or 0.6	Percent.
Hindu	..	198,569 or 73.0	"
Depressed Hindu	..	58,547 or 21.5	"
Muslim	..	24,525 or 9.0	"
Jain	..	8,139 or 3.0	"
Others	..	659 or 0.2	"

**Shajapur District**

<i>Population</i>		336,980	
Hindus and Tribal	..	677 or 0.2	Percent.
Hindu	..	228,594 or 68.1	"
Depressed Hindu	..	73,845 or 22.5	"
Muslim	..	27,003 or 8.0	"
Jain	..	4,831 or 1.4	"
Others	..	28 or 0.0	"

**Amjhera District.**

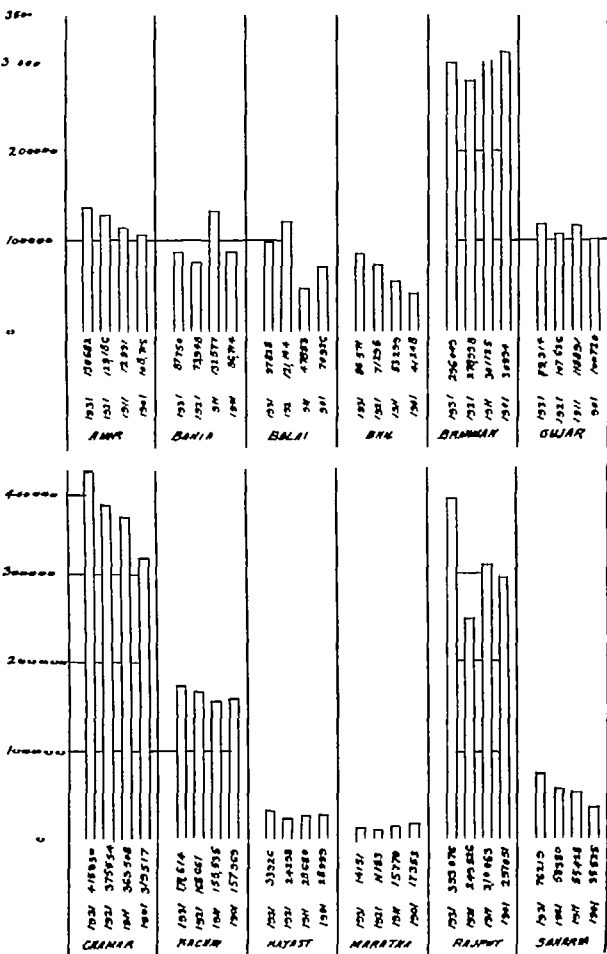
<i>Population</i>		160,066	
Hindus and Tribal	..	8,443 or 5.3	Percent.
Hindu	..	127,423 or 79.3	"
Depressed Hindu	..	15,813 or 9.9	"
Muslim	..	6,480 or 4.1	"
Jain	..	1,907 or 1.2	"

NOTE.—The following Hindu castes have been classified as Depressed —

1. Bagri.
2. Balal.
3. Barar.
4. Burgunda.
5. Basor.
6. Bedia.
7. Bhangi.
8. Chammar.
9. Kanjar.
10. Khatik.
11. Koli.



**STRENGTH AND VARIATION  
IN  
CERTAIN CASTES  
1901-1931**



## CHAPTER XII. RACE, TRIBE OR CASTE

### I. Introductory

138. The statistics around which this chapter is written are contained in Imperial Tables XVII, XVIII and XIX. Imperial Table XVII Part, I, gives a summary for each district of the number of persons returned under each caste. Table XVIII exhibits the variations since 1901 in the strength of primitive and forest tribes. Imperial Table XIX gives the territorial distribution of Europeans and Anglo Indians. At the end of this chapter will be found one Subsidiary Table showing the variations in the number since 1901 in important castes and the proportion of each such caste to the population of the State.

Statistical  
Reference

The preparation of caste record presents considerable difficulty particularly in places like Gwalior where the same caste is spelt differently and has different labels attached to it in each district. But every precaution has been taken to show in Imperial Table XVII nothing but genuine and exclusive castes. To this end a caste index was compiled on the results of the last census and this together with the very complete instructions issued to the enumerating staff has undoubtedly improved the return. It was hardly possible to provide for all cases in the list and therefore in the comparatively few doubtful cases where new names were either shown as separate castes or amalgamated in some real caste, the entries were classified in the Central Office in accordance with the general caste index for India. It may therefore be claimed that the present record contains a minimum of misclassification due to such errors.

It has, however, not been possible to eliminate the effect of deliberate and intentional errors. The tendency on the part of some groups to misdescribe themselves as belonging to some higher caste than their own appears to be gaining ground and will probably grow more and more prominent at every future census. This factor has probably been much more effective in vitiating the caste figures at this census than on any former occasion.

### II Distribution of main Castes and Variation since 1901

139. The number of castes is so large that it is not possible to discuss in detail their distribution and the variation in their strength as compared with previous censuses. Ordinarily the main castes only will be dealt with and others will be referred to only in a few cases of special interest.

General

The total number of castes or sections of the community recorded are

Religion	NUMBER OF CASTES IN	
	1931	1921
Hindu	117	102
Hinduized Tribal	7	9
Jain	12	9
Muslim	40	37
Total	176	157

given in the inset. The diagram facing this page shows the strength of the main Hindu castes and the variations in their number since 1901.

The largest single caste are the Chamars with 415 950 members or nearly 12 per cent of the whole population followed by Rajputs (393 076) and the Brahmans (298 049). There is then a considerable drop to the Kachhi (171 614), Ahir (150 682) and Gujar (110 514) after which no caste numbers a lac.

#### Mixed Castes

140 *Chamars*.—Chamars are by far the largest caste in the State. They are most numerous in the Narwar and Isagarh districts and their number rapidly decreases towards the south. The caste has grown by nearly 11 per cent since the last census. The variations from district to district are unimportant. The increase from 48 000 to 73,000 in Narwar and the decrease from 48,000 to 36 000 in Bhilwa are interconnected. The present census was taken before the harvesting season and consequently there was on this occasion no emigration of Chamar labourers from the former to the latter district. The increase in the Sheopur district is fictitious there was in 1921 a concentration of Chamar labourers on the Aoda dam then under construction in that district.

*Rajputs*.—Next to the Chamars the Rajputs are the most numerous caste in the Gwalior State and they are by far the most widely distributed. Numbering not much short of 4 lacs they are found in every district and it is only in the isolated districts of Amjhera and Sheopur that the number is small. They are most numerous in Bhind, Tonwarghar Ujjain and Shajapur. This caste grows not so much by natural processes as by accessions from outside. This accounts for the extraordinary increase of 56 per cent in its number during the decade. There are gaps and breaches all along the frontiers of this caste and to each of the innumerable septs composing it there is a vast fringe in which there is always room for some to crawl under and for those who are courageous enough to leap over the fence. Actual fusion of one community with another seldom takes place without the express verdict of the society and in many cases claims may be persisted in for generations without success. But there are indications that a census is used as a lever by many communities and individuals for raising their social status—on paper. The general trend of the present figures seems to show that this caste has received large accretions from such castes as Ahir, Kachhi, Kurmi, Lodhi, Mina, Rawat, Son dhia, etc. The number of Rajput clans returned at this census was 34 of which the Tonwar and Rawat septs are most numerous.

*Brahmans*.—Brahmans have 26 clans and their total strength is 298 049 forming 9 per cent of the Hindu population and 8 per cent of the total population. The Samadhiya, found mostly in the northern districts, are by far the most numerous section of this community. In 1901 the Brahmans numbered 309,940 forming 10 per cent of the whole population. Since then the proportional and absolute strength of this community has undergone a continuous decline. The number now returned, though it exceeds the figure for 1921 by 6 per cent, is still 14 thousand less than in 1901.

*Kachhu*—There is an increase of 1·8 per cent in the number of Kachhis. Owing to the resemblance of names the members of this caste claim a connection with the Kachhawaha sect of the Rajputs and it is probable that many of them have returned themselves as Rajputs. They are practically confined to the Plain and Northern Plateau Divisions. A large number have overflowed into Bhilsa, but elsewhere the number is small.

*Ahirs*—The Ahirs who aggregate 130,000 show only a nominal increase over the number returned in 1921. It is probable that many persons returned as Ahirs in 1921 have been shown on the present occasion under the Nandbansi, Yadav and Rawat septs of the Rajput caste. The Ahirs are found in all the districts except in Mandsaur where the number is very small. In Ujjain the number of Ahirs has nearly doubled itself during the decade, while there has been a fall of about 8,000 in Isagarh. In 1921 the female figures for this district exceeded the male figures by about 4,000, while on the present occasion the male figures exceed those of the females by about 2,000. There has apparently been some confusion in the 1921 figures for this district, which it is now difficult to explain.

*Gujars*—The distribution of the Gujars who number about 120,000 is much the same as that of the Ahirs except that they are most numerous in the tract known as Gujarghar in the Tonwarghar district. The present census shows an increase in the number of Gujars of 11 per cent over that returned in 1921. The increase is most noticeable in Mandsaur where this caste has grown from 7,900 in 1921 to 12,766 in 1931.

Among the castes numbering between 50,000 and 100,000 the most important variations since 1921 are .—

1. *Increases per cent* —

Bania 18·7, Gadaria 5, Bhil 21, Koli 47, Sahariya 31, Kirar 13·6, Mina 3, Kumbhar 18, Tel 7, and Nai 9.

2. *Decreases per cent* —

Bala 19, Lodhi 2.

*Bania*.—The Bania community consisting of 15 sub castes numbers 87,750 and forms 2·4 per cent of the total population, the Agarwals (26,952) being the most numerous. In this community there are both Jain and Hindu members, who in many cases intermarry freely and may therefore be taken as a homogeneous group.

The Agarwals are chiefly found in Northern Gwalior. The Gahois (7,550) are most numerous in the Narwar district, while the Maheshwaris are practically confined to the Ujjain and Mandsaur districts. Jaiswals (1,431), Oswals (2,071) and Porwals (2,526) are met with in the Malwa districts.

This caste has grown by 19 per cent since 1921, the gain among the Agarwals, Gahois and Maheshwaris amounting to 24·4, 23·4 and 53 per



cent respectively. The Jain Banias—Oswals, Porwals and Jaiswals—have decreased by 47.99 and 34 per cent respectively. This is due to the elimination of Jains from the returns of Bania proper.

The figures for the Kumbhar, Tel and Nai castes need no comment. The Bhils and Sahariyas are exceedingly prolific and both show an extraordinarily high rate of increase since 1921. They are recognized as distinct tribes and do not lose to any other caste. The Bhils are practically confined to the Amjhara district, while the Sahariyas are most numerous in the Sheopor, Narwar and Isagarh districts.

The low rate of increase among the Mums and Gadariyas is probably due to their disappearance among the Rajputs.

There is an increase of 14 per cent in the number of Kirars who aggregate about three quarters of a lac. They are found mainly in the Northern districts and their number decreases towards the south. The question of social precedence has not been examined at this census, but the statement about the association of this caste with primitive and criminal tribes which has appeared in a recent book entitled *Gwalior Rajya ka Itihas* requires refutation. This version is based on the previous census reports in which Kirars have been classified as Ammats. The caste say that they immigrated from Muttra, that their occupation has always been cultivation and that they were degraded owing to their taking to widow marriage. This statement seems to be correct, as in the Central Provinces where the caste has emigrated from Gwalior there is an unmistakable bond of fellowship between them and Gupars and Raghuhansas. All these castes claim, and probably with truth, to be degraded Rajputs.

*Balais and Kolis, etc.*—The violent fluctuations exhibited by the Koli and Balai castes from census to census are impossible as facts. The Balai is probably an off-shoot of the large Koli caste and in many places the two groups are in their own parlance indistinguishable. Consequently it may and does happen that a large section of the one passes into the ranks of the other. For this reason whenever the Koli strength has risen the strength of the Balais has fallen and *vice versa*. This is seen from the following table—

Caste					1931	1921	1911
1	Balai	...	...	...	97,828	121,144	47,853
2	Kol	...	...	...	75,351	51,190	63,362
3	Bharud	...	...	...	364	211	2,819
4	Ajwa	...	...	...	9,773	10,229	19,311
Total					183,316	182,774	153,545

In the above table I have included the figures for the Bharud and Ajwa castes, because there is reason to think that the boundaries between these and the Balai and Koli castes are hazy. Bharuds have almost ceased to exist as a separate unit, while Ajwas are in the process of joining themselves to the larger Balai group.

*Lodhi*—Lodhis who are also found in the Northern districts show a decrease of 2 per cent. The explanation against Rajputs will explain the decrease.

*Smaller Castes* —Of the minor castes Marathas have increased in all the districts except Gird, Narwar and Amjhera. The increase in Isagarh, Tonwarghar and Bhind is due to colonization, while in Ujjain and Mandsaur to the presence of Maratha troops. The Kayasthas show an increase in all the districts except Bhilsa. Their number has risen in Ujjain from 1,308 in 1921 to 3,247 in 1931, in Shajapur from 1,560 to 7,203 and in Amjhera from 164 to 593. These increases are difficult to explain. Among the Dhobis, the largest increases have occurred in Bhind, Bhilsa and Ujjain districts. Sondhias are practically confined to the Ujjain and Shajapur districts. Their number has decreased by 44 per cent since 1921. This is due entirely to the fact that a large number of them have returned themselves as Rajputs. To the same cause is to be attributed the decrease of 15 per cent among the Kurmis.

141 Basor and Bhangl are the only two castes that are definitely known as untouchables throughout the State. Besides these there are 9 others which for want of a better word may be called depressed. Mixing with these castes pollutes the purity of the higher castes. The numerical strength

**Depressed  
Classes**

Caste	NUMBER IN		of these two groups is shown in the marginal table. The highest proportion (22.5 per cent) of depressed Hindus is found in the Shajapur district and the lowest in Sheopur (12.9). The Social Map facing page 215 exhibits the proportional distribution of clean and depressed Hindus in each district.
	1931	1921	
<b>Untouchables—</b>			
Bhangl	27,405	21,629	
Basor	13,052	16,108	
<b>Total</b>	<b>40,457</b>	<b>37,737</b>	
<b>Depressed—</b>			
Bagri	23,209	21,548	
Balai	97,828	121,144	
Bargunda	1,931	2,144	
Batar	1,384		
Bedri	5,807	4,712	
Chamar	415,950	375,544	
Kanjar	402	231	
Khatik	15,800	9,536	
Koli	75,351	51,190	
<b>Total</b>	<b>637,662</b>	<b>586,049</b>	
<b>GRAND TOTAL</b>	<b>678,119</b>	<b>623,786</b>	

142 As regards Muslim castes, little comment is needed. Neither increases nor decreases are very striking except in one or two instances. Fakirs have increased by 36 per cent, the increase being most marked in Ujjain and Mandsaur. Pathans who have increased by 29 per cent show an increase of 145 per cent in Mandsaur and a decrease of 42 per cent in Bhilsa. A most striking decrease is that among the Bohras, whose number has fallen by more than 50 per cent in Mandsaur and by about 35 per cent in Shajapur.

**Muslim Castes**

### III Modern Tendencies

143 A number of representations were received asking that this or that community may be relieved of its previous name and given a new one or may be removed from the group in which it was previously included and advanced to a socially higher position. In each case the aggrieved community thought of itself as a chosen people. Like the Irishman, who said

**Representations  
on behalf of the  
Castes**

he was perfectly independent of Mr Noah because at the time of the Deluge one of his ancestors saved himself in a boat of his own construction "almost all the petitioners claimed their descent from prehistoric shadows. As usual isolated quotations from religious books and decisions of prominent Shastris were produced in support of their claims. The following are a few of the most important claims put forward at this census —

(1) A community calling itself Kirars claimed that at previous censuses they had wrongly been classed as Anumists. They represented that they were the descendants of a Rajput King, Bijeypal of Biana, one of whose sons founded the village Kirarai in district Muttra. Without accepting the origin of the caste given by them, I accepted their claim to the extent of showing their group separately and making it clear in the Report that the Kirars were not a primitive or criminal tribe.

(2) The Minas of Kumbhraj claimed to be classed as Mina Rajputs. The claim could not be allowed to the extent of including the whole community among Rajputs. They have been shown as a separate caste among Hindus.

(3) From Jodhpur the Mali community applied asking to be recorded as Sami Rajputs. It was pointed out that the matter lay in their own hands as the enumerators were to enter the name given by them. But curiously enough not a single Mali in this State returned himself as Sami Rajput.

(4) The same remarks apply to the representation from the Nais who claim that they are "Nayee Brahmins.

(5) The Lodhis and also the Kurmis claimed, as at every census, to be classed as sub-castes of Rajputs. They too, have been shown as separate castes, their transfer to the Rajput group as a whole being considered inadvisable. There is no doubt that many members of these castes have returned themselves as Rajputs.

(6) The Mathur Kahattriya Mahasabha of Agra claimed that the Sunars should be designated as Mathur Kahattriyas" but no person in this State returned himself under that designation.

The Future of  
the Caste  
System.

144. It is natural to ask the questions, Is the Caste System changing and if so in what direction? The data collected at this census are exceedingly meagre, but even so they show that the Indian scene is changing with kaleidoscopic rapidity. In the social sphere we see two prominent tendencies at work. Firstly the picturesque in caste is fast dying out. There are clear signs that this ancient institution is dropping piece by piece its heavy armour of form and formulae. Even among the orthodox sections of the Hindu community the emphasis has definitely moved from the non-essential to the essential aspects of the system. Thus the restrictions on occupation, social intercourse and food and drink and the authority of the caste Panchayats are growing weaker and weaker every day and most communities are now ready enough to adapt themselves to changing conditions when called upon to surrender their caste principles and prejudices in sufficiently insistent terms.

More significant is the other tendency which finds vigorous expression in extensive caste displacements induced by the introduction of Western innovations. The most effective storm centres of revolt are the lower classes. In the case of these people the perception of what political advance implies has been instantaneous. An unerring intuition has taught them that caste betterment is the only condition of their survival, while widespread sympathy with their aspirations has opened their eyes to the realities involved in further political advance. These factors have combined to kindle in the masses new hopes and to harden their determination to break through social barriers. It all comes down to a question of self-preservation. And despite what sentimentalists may say self preservation is the first law of Nature.

Taking into consideration the total effect of these and other influences such as education, travel, etc., etc., the inference may safely be drawn that the social and psychological bases of the Hindu Caste System have been rudely shaken.

## SUBSIDIARY TABLE I

## Variation in Caste, Tribe or Race, since 1901

Caste Tribe or Race	Persons				Proportion to the Population of the State				Net Vari- ation 1901 1931
	1931	1921	1911	1901	1931	1921	1911	1901	
1	2	3	4	5	6	7	8	9	10
<b>Hindus</b>									
1 Ahir ..	130,682	129,186	112,991	108,715	*037	*041	*037	*036	+ 21,967
2 Aja ..	9,773	10,229	19,511	17,615	*002	*003	*006	*005	- 7,842
3 Bagri ..	23,209	21,540	11,289	3,261	*006	*006	*003	*001	+ 19,948
4 Bania ..	87,750	73,948	132,577	86,714	*024	*0.3	*04	*028	+ 1,036
5 Beragi ..	30,203	30,093	17,259	17,003	*003	*009	*005	*005	+ 13,200
6 Bhal ..	97,828	21,144	47,853	70,926	*027	*037	*015	*023	+ 6,903
7 Benjara ..	19,731	14,138	4,181	5,459	*005	*004	*001	*001	+ 14,472
8 Basor ..	13,052	16,108	8,532	3,208	*003	*005	*002	*001	+ 9,844
9 Bhangl ..	27,405	21,629	21,374	23,225	*007	*006	*006	*007	+ 4,180
10 Bhat ..	7,425	7,950	10,850	9,788	*002	*002	*003	*003	- 2,363
11 Bhill ..	86,571	71,293	53,299	41,48	*024	*022	*017	*013	+ 45,323
12 Bhalala ..	38,455	26,482	1,563	17,145	*010	*008	*001	*005	+ 21,310
13 Bhol Dhl mar or Kahar	43,469	43,459	37,195	48,16	*012	*011	*011	*016	- 4,693
14 Brahman ..	296,049	278,998	301,125	309,940	*034	*037	*037	*02	- 13,891
15 Chamar ..	415,950	375,554	363,508	319,517	*118	*127	*117	*106	+ 96,433
16 Chidar ..	8,876	9,47	9,114	4,653	*002	*002	*002	*001	+ 4,223
17 Chhipa ..	10,486	6,842	7,733	8,979	*002	*002	*002	*003	+ 1,487
18 Dandi ..	20,264	18,485	16,328	17,346	*005	*005	*005	*005	+ 918
19 Dhakad ..	30,945	27,530	27,291	17,162	*008	*008	*008	*005	+ 13,78
20 Dholi ..	40,585	33,187	29,540	31,278	*011	*011	*009	*011	+ 9,307
1 Dholi ..	5,377	5,309	4,716	5,6	*001	*001	*001	*006	+ 4,751
22 Gadaria ..	87,741	83,476	76,567	73,930	*024	*0.6	*0.1	*024	+ 13,811
23 Gbost ..	8,616	9,872	15,252	3,998	*002	*003	*005	*001	+ 4,618
24 Gujar ..	119,314	107,636	118,891	100,720	*033	*033	*031	*033	+ 18,594
25 Gomsin ..	12,999	10,854	11,04	12,902	*003	*003	*003	*004	+ 9
26 Jat ..	23,941	21,517	21,914	24,639	*006	*006	*006	*008	- 1,148
27 Jodi ..	7,232	4,512	4,690	5,467	*002	*001	*001	*001	+ 1,763
28 Joshi ..	6,330	6,697	6,128	5,110	*001	*002	*00	*001	+ 1,220

## SUBSIDIARY TABLE I—(contd)

## Variation in Caste, Tribe or Race since 1901

Caste, Tribe or Race	Persons				Proportion to the Population of the State				Net Variation 1901-1931
	1931	1921	1911	1901	1931	1921	1911	1901	
1	2	3	4	5	6	7	8	9	10
Hindu (contd).									
29 Kachhi	171,614	168,661	155,535	157,969	0048	052	051	052	+ 13,645
30 Kalal	15,225	14,913	15,831	14,947	004	004	001	005	+ 278
31 Khandari	9,203	9,218	9,838	10,752	002	002	002	003	— 1,489
32 Karastha	33,926	24,298	28,680	28,999	009	007	007	009	+ 4,927
33 Khanagar	17,100	12,767	17,627	10,403	004	004	005	003	+ 6,697
34 Khali	48,160	33,125	25,063		013	011	006	000	+ 48,160
35 Khatik	15,800	9,536	11,540	7,409	004	002	002	002	+ 8,391
36 Kirar	75,897	66,877	50,975	62,397	021	016	016	021	+ 13,500
37 Koli	78,911	51,190	63,362	66,512	022	021	022	024	+ 12,399
38 Koli	47,577	56,118	40,707	21,982	013	013	007	007	+ 25,95
39 Kumbhar	62,485	53,048	52,610	46,547	017	016	015	015	+ 15,938
40 Lodhi	91,773	93,997	81,543	73,070	026	025	024	024	+ 18,703
41 Lohar	30,146	25,135	26,674	21,917	008	007	007	007	+ 8,229
42 Mali	31,903	28,999	30,139	29,130	009	007	009	009	+ 2,773
43 Maratha	14,151	11,183	15,770	17,353	004	003	005	005	— 3,202
44 Mina	67,125	60,128	46,943	61,274	019	018	015	021	+ 5,851
45 Mirdha	13,153	11,961	12,305	8,448	003	003	004	002	+ 4,705
46 Nai	54,373	49,837	46,010	57,474	015	015	014	019	— 3,101
47 Rajput	393,076	249,526	310,063	297,051	111	078	099	099	+ 96,025
48 Rawat	16,397	38,826	57,181	31,08	004	012	018	011	— 14,685
49 Sabariya	76,219	58,380	55,428	35,525	021	018	018	011	+ 40,694
50 Sondhia	25,518	45,698	25,780	30,921	007	0014	008	010	— 5,403
51 Sonar	22,215	20,997	22,006	25,845	006	006	007	008	— 3,630
52 Sutar	50	33,339	41,029	55,626	000	011	013	018	— 55,576
53 Tamboli	7,422	6,742	6,533	8,773	002	002	002	002	— 1,351
54 Tel	55,779	52,096	51,844	42,584	015	016	016	014	+ 13,195
Musalman									
1 Bohra	8,944	11,593	6,108	5,110	002	003	002	001	+ 3,834

## SUBSIDIARY TABLE I—(concl'd.)

## Variation in Caste Tribe or Race since 1901

Caste, Tribe or Race	Persons				Proportion to the Population of the State				Net Vari- ation 1901 1931
	1931	1921	1911	1901	1931	1921	1911	1901	
1	2	3	4	5	6	7	8	9	10
<i>Muslims</i> (cont'd.)									
2. Pathan —	11,178	8,207	8,274	4,800	003	002	002	001	+ 6,378
3. Mewati —	8,820	7,644	8,127	—	002	002	002	000	+ 8,820
4. Pathan —	57,628	44,743	45,465	47,623	017	013	015	015	+10,005
5. Pinjars —	12,166	8,739	6,379	4,331	003	002	00	001	+7,835
6. Salyed —	10,780	9,534	9,041	12,004	003	003	002	004	— 1,224
7. Shukh —	45,850	44,149	38,207	58,812	014	013	012	016	—12,962
<i>European and Anglo- Indians</i>									
1 European	111	629	147	101	00003	0002	00004	00003	+ 10
(a) British Subjects	101	549	139	61	00003	0001	00003	00002	+ 40
(b) Others —	10	80	8	40	00003	00002	000002	00000	— 30
2 Anglo- Indians	131	261	115	59	00003	0001	0003	00002	+ 72







## SUBSIDIARY TABLE I—(conold.)

## Variation in Caste, Tribe or Race since 1901

Caste, Tribe or Race	Persons				Proportion to the Population of the State				Net Vari- ation 1901 1931
	1931	1921	1911	1901	1931	1921	1911	1901	
1	2	3	4	5	6	7	8	9	10
Muslims —									
2. Pathan —	11,178	8,207	8,274	4,800	003	002	002	001	+ 6,378
3. Mewati —	8,820	7,644	8,127	—	002	002	002	000	+ 8,820
4. Pathan —	57,628	44,743	43,465	47,623	017	013	013	015	+ 10,005
5. Pindari —	12,186	8,739	6,379	4,331	003	002	002	001	+ 7,855
6. Salyal —	10,780	9,534	9,041	12,004	003	003	002	004	— 1,224
7. Shafik —	45,850	44,149	38,207	58,812	014	013	012	016	— 12,962
European and Anglo- Indians									
1. European	111	629	147	101	00003	0002	00004	00003	+ 10
(a) British Subjects	101	349	139	61	00003	00001	00003	00002	+ 40
(b) Others —	10	80	8	40	00003	00002	000003	00000	— 30
2. Anglo- Indians	131	261	115	59	00003	0001	0003	00002	+ 72



## SUBSIDIARY TABLE I—(consolid.)

## Variation in Caste Tribe or Race since 1901

Caste, Tribe or Race	Persons				Proportion to the Population of the State				Net Vari- tion 1901 1931
	1931	1921	1911	1901	1931	1921	1911	1901	
1	2	3	4	5	6	7	8	9	10
Musalman (consolid.)									
2 Pasir —	11 178	8,207	8,274	4,800	003	002	002	001	+ 6,378
3. Mewati —	8,820	7,644	8,127	—	002	002	002	000	+ 8,820
4 Pathan —	57,628	44,743	45 463	47,623	017	013	013	015	+10,005
5. Pinjara —	12 166	8,739	6,379	4,331	003	002	002	001	+7,835
6 Salyad —	10 780	9,534	9 041	12,004	003	003	007	004	— 1,224
7 Rshikh —	43,850	44 149	38,207	58,812	014	013	012	016	—12,962
European and Anglo- Indians									
1 Europeans	111	629	147	101	00003	0002	00004	00003	+ 10
(a) British Subjects.	101	549	139	61	00003	0001	00003	00002	+ 40
(b) Others —	10	80	8	40	00003	00002	000002	00000	— 30
2 Anglo- Indians.	131	251	115	59	00003	0001	0003	00002	+ 72

